

ISINAC

ISINAC ACOUSTIC WORLD

3.0

INDEX

01. KNOW HOW 7

02. ACOUSTIC COMFORT 8

03. ISINAC UNIVERSE 10

04. CERTIFICATES 12

20mm ADH 14
40mm ADH 15
40mm HUNG / COLG 16
40mm ILUCS ADH 17
40mm ILUCS HUNG / COLG 18
40mm IZZER ADH 19
60mm ADH 20
LINEAR ADH 21
BLIND / ESTOR IZZER 22
CURTAIN ILUCS 1 LAYER / CAPA 23
CURTAIN ILUCS 2 LAYERS / CAPAS 24
CURTAIN ILUCS 4 LAYERS / CAPAS 25
CURTAIN ILUCS 4 SOUND - PROOFING / AISL. ACÚSTICO 26
CURTAIN ILUCS 4 THERMAL INSULATION / AISL. TÉRMICO 27
CURTAIN ILUCS 8 SOUND - PROOFING / AISL. ACÚSTICO 28
20mm IZZER HEXAGON - STUCK 29
40mm IZZER SQUARE - STUCK 30
40mm IZZER SQUARE - STUCK WITH AIR CHAMBER 31
CURTAIN IZZER 1 LAYER / CAPA 32
CURTAIN IZZER 4 LAYERS / CAPAS 33
CURTAIN IZZER 4 SOUND - PROOFING / AISL. ACÚSTICO 34
CURTAIN PX500 1 LAYER / CAPA 35
WB ILUCS 33mm 36
WB IMECO IZZER 33mm 37
TENS - TEX ILUCS 15mm 38
TENS - TEX IZZER 15mm 39
TENS - TEX IZZER 15mm NO FOAM / SIN ESPUMA 40
NENUFAR ILUCS 7mm 41
WH 40mm 42
ELYPSIUM ILUCS RANDOM PLACEMENT 43
ELYPSIUM ILUCS CORNER / ESQUINA 44
PX500 45
HYBRID 46
WB HP ILUCS 140mm 47
FIRE - FOAM / ESP.MINERAL 40mm 48
MFPX 50
TREVIRA CS TRADEMARK - ILUCS 52
FIRE - ILUCS 53
IMO - ILUCS 54

FIRE - IZZER 57
FIRE - PX500 58
FIRE - WH 59
VOC - FOAM / ESP.MINERAL 60
VOC - FOAM / ESP.MINERAL B 61
LIGHT - ILUCS & IZZER 62
100% EUROPEAN ORIGIN 63
ISO 14001 64
ISO 14006 65
VISUALIZING ACOUSTIC PERFORMANCE 66

05. PRODUCTS 68

GUIDELINES / INFO ÚTIL 70
MAESTRO 72
SQUARE / CUADRADO 74
TRIANGLE / TRIÁNGULO 76
RECTANGLE / RECTÁNGULO 78
CIRCLE / CÍRCULO 80
ELLIPSE / ELIPSE 82
HEXAGON / HEXÁGONO 84
LINEAR 86
CYLINDER / CILINDRO 88
PARALLELEPIPED / PARALELEPÍPEDO 90
CUBE / CUBO 92
PILL 94
TRISMA 96
ILUCS CURTAINS / CORTINAS ILUCS 100
IZZER CURTAINS / CORTINAS IZZER 102
PX500 CURTAIN / CORTINA PX500 104
WB ILUCS 106
WB IMECO 108
TENSTEX 110
NENUFAR 112
GOLD DESK DIVIDERS / DIVISORIA GOLD 116
SILVER DESK DIVIDERS / DIVISORIA SILVER 118
GOLD ROOM DIVIDERS / BIOMBO GOLD 120
SILVER ROOM DIVIDERS / BIOMBO SILVER 122
BRONZE ROOM DIVIDERS / BIOMBO BRONCE 124
DIAMOND PUFF 126
BASALT PUFF 128
BLIND / ESTOR 130
IKLA IZU 132
WH 134
INDUSTRIAL G 136
MFPX 138
DIFFUSER 4x4 / DIFUSOR 140
DIFFUSER 14x7 / DIFUSOR 142
ELYPSIUM 144
HYBRID 146
WB HP 148

06. FABRIC COVERS 150

ILUCS 152
ILUCS PANTONE LRVs (LIGHT REFLECTANCE VALUES) 153
IZZER 154
IZZER LRVs (LIGHT REFLECTANCE VALUES) 155

CUSTOM DESIGN 158

07. INSTALLATION SYSTEMS 160

ADHESIVE 162
HANGING ACCESORIES 164
MAGNET 166
® TENS-TEX PROFILE 168

08. INSTALLATION MANUAL 172

CLEANING AND MAINTENANCE 172
WARRANTY POLICY 174
GENERAL INSTALLATION CONDITIONS 176














MERCEARIA

01. KNOW HOW

ISINAC genera confort acústico con la fabricación de productos fonoabsorbentes para el mundo a través de su red de distribución.

Nos enfocamos en la experimentación con nuevos materiales y tecnologías para mejorar nuestros productos, minimizando su impacto ambiental. Nuestro objetivo es garantizar la máxima satisfacción de clientes, ofreciendo soluciones de bajo mantenimiento y alto rendimiento en absorción acústica.

Apostamos por materiales compostables, reciclados y reciclables, desarrollando sistemas patentados que combinan diseño y funcionalidad con las más altas prestaciones técnicas. Acompañamos cada proyecto en todas sus fases y sometemos nuestros materiales a pruebas en laboratorios independientes para certificar su calidad, durabilidad y seguridad.

Nuestras soluciones mejoran la inteligibilidad del sonido en espacios de interacción humana, favoreciendo el bienestar y evitando efectos negativos del ruido como ansiedad o fatiga. Combatimos la contaminación acústica para crear entornos más confortables, proporcionando espacios con un sonido claro y armonioso que mejoran la calidad de vida.



MATERIALS: recycled, recyclable, and compostable
MATERIALES: reciclados, reciclables y compostables

ECO DESIGN: optimization of raw materials, zero waste
ECO DISEÑO: aprovechamiento materias primas, cero residuo

MANUFACTURING: recyclability, sustainable raw materials
FABRICACIÓN: reciclabilidad, materias primas sostenibles

LOGISTICS: designed for emission reduction
LOGÍSTICA: diseñada para una reducción de emisiones

USAGE: high-quality materials to extend product lifespan
USO: alta calidad de materiales para alargar la vida útil

END OF LIFE: 100% recyclable or 100% compostable
FIN DE VIDA: 100% reciclable o 100% compostable

ISINAC generates acoustic comfort by manufacturing sound-absorbing products for the world through its distribution network.

We focus on experimenting with new materials and technologies to improve our products while minimizing their environmental impact. Our goal is to ensure maximum satisfaction for customers by offering low-maintenance solutions with high acoustic absorption performance.

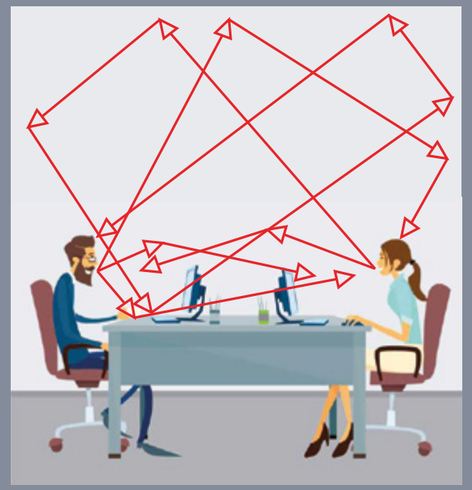
We are committed to compostable, recycled, and recyclable materials, developing patented systems that combine design and functionality with the highest technical standards. We support each project in all its phases and subject our materials to independent laboratory testing to certify their quality, durability, and safety.

Our solutions enhance speech intelligibility in spaces of human interaction, promoting well-being and preventing negative effects of noise such as anxiety or fatigue. We fight noise pollution to create more comfortable environments, providing spaces with clear and harmonious sound that improve quality of life.

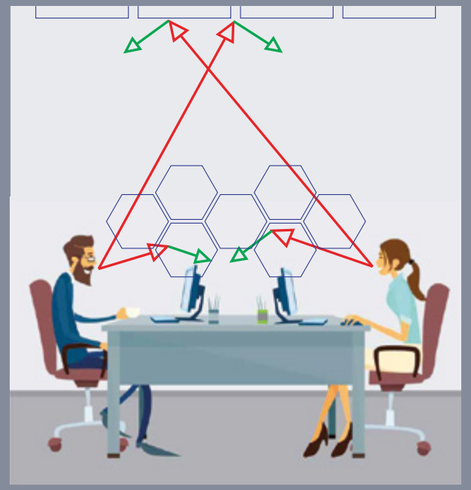


ISO 14001
BUREAU VERITAS
Certification

ISO 14006
BUREAU VERITAS
Certification



Before ISINAC
Antes de ISINAC



After ISINAC
Después de ISINAC

ACOUSTIC COMFORT

Acoustic comfort measures the noise level at which sound becomes appropriate for rest, communication, and overall well-being. These sounds are made up of waves that tend to reflect off rigid surfaces with limited absorbent capacity, such as concrete, marble, or glass.

What affects acoustic comfort in a space?

· **Reverberation Time (RT):** The more reflective the surfaces and the larger the space, the longer it takes for sounds to be absorbed. This results in an increase in reverberation time.

· **Masking:** Occurs when the ear is exposed to two or more sounds, causing one to mask the others. This prevents the full or partial perception of other sound elements.

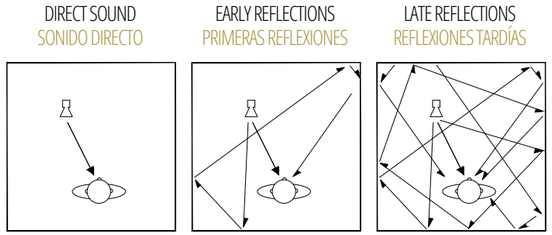
· **Intelligibility:** Refers to the correct understanding of spoken messages. It depends mainly on the clear perception of consonants and the presence of echo or flutter echo in a room.

  · The closer the listener is to the sound source, the greater the intelligibility.

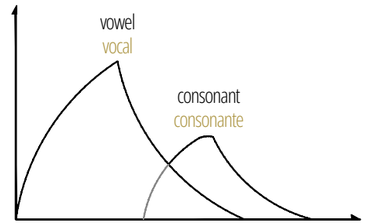
  · The lower the RT, the higher the intelligibility.

RT plays a crucial role in both masking and intelligibility. By reducing RT, acoustic comfort is significantly improved. ISINAC's philosophy is based on this principle.

02. CONFORT ACÚSTICO



TR



Masking
Enmascaramiento

El confort acústico es el nivel de sonido que resulta correcto para el descanso, la comunicación y la salud de las personas. Estos sonidos están formados por ondas que tienden a reflejarse sobre las superficies rígidas con limitado poder absorbente, por ejemplo cemento, mármol o vidrio.

¿Qué afecta al confort acústico en un espacio?:

· **Tiempo de Reverberacion (TR):** Cuanto mayor es el reflejo y mayores son las dimensiones del espacio, más tardarán los sonidos en ser absorbidos. Es ahí donde el Tiempo de Reverberación aumenta.

· **Enmascaramiento:** Se produce cuando el oído se expone a dos o más sonidos y uno enmascara a los demás. Evita, por lo tanto, la percepción total o parcial del resto de elementos sonoros.

· **Inteligibilidad**: Es la correcta comprensión de un mensaje oral. Depende, fundamentalmente, de la correcta percepción de sus consonantes, de la existencia de eco o de eco flotante en una sala.

  · Cuanto más cerca esté situado el receptor de la fuente sonora, mayor inteligibilidad.

  · Cuanto menor sea el TR, mayor inteligibilidad.

El **TR** está presente en el enmascaramiento y en la inteligibilidad del espacio; si se reduce el TR se mejora sustancialmente el confort acústico.

ISINAC UNIVERSE

At ISINAC, creativity goes beyond the work of the R&D+I team: it is present in every design, but also in every brand. Our brand universe is designed as a strategic ecosystem where each brand serves a specific purpose and addresses an identified need within the acoustic absorption sector. Far from being isolated entities, all of them coexist under a common architecture that ensures a recognizable experience for our clients and distributors. This collective ecosystem reinforces our shared values.

ISINAC has proprietary brands such as those that bring our fabrics to life: ILUCS, for our Trevira CS polyester range, and IZZER, our 100% natural wool. ABSORBRELLA redefines the acoustic and sensory experience in outdoor spaces such as terraces, while IKLA merges acoustic absorption with lighting products for offices and homes.

We envision this brand universe as an interconnected constellation where each brand shines with its own light under the ISINAC umbrella, yet always within a single global vision: to offer the best acoustic comfort, no matter the space.

03. UNIVERSO ISINAC

En ISINAC, la creatividad va más allá del trabajo del equipo de I+D+i: está presente en cada diseño pero también en cada marca. Nuestro universo de marca está diseñado como un ecosistema estratégico donde cada firma cumple una función específica y responde a una necesidad identificada dentro del sector de la absorción acústica. Lejos de ser entidades aisladas, todas conviven bajo una arquitectura común que garantiza una experiencia reconocible para nuestros clientes y distribuidores. Este ecosistema conjunto refuerza nuestros valores compartidos.

Así, ISINAC cuenta con marcas propias como las que dan vida a nuestros tejidos: el ILUCS para nuestra gama de poliéster Trevira CS, y el IZZER, nuestra lana 100% natural.

ABSORBRELLA redefine la experiencia acústica y sensorial en espacios exteriores como terrazas, mientras que IKLA fusiona la absorción acústica con productos de iluminación para oficinas y hogares.

Proyectamos este universo de marca como una constelación interconectada en la que cada una brilla con luz propia bajo el paraguas de ISINAC pero siempre dentro de una misma visión global: ofrecer el mejor confort acústico sea cual sea el espacio.

CERTIFICATES

The certifications that endorse our processes and products reflect our commitment to excellence, safety, and environmental responsibility. These accreditations ensure our clients that every solution we offer complies with the most demanding regulations and provides a unique value in the global market.

In the development of our acoustic solutions, we believe in less polluting manufacturing processes and the use of compostable, recycled, and recyclable materials. Under this premise, the systems and technologies patented by ISINAC synthesize design with a high level of technical performance and functionality.

We dedicate all our efforts to differentiating our products through their quality and reliability. That is why all the materials used by ISINAC are tested in the most reputable independent laboratories in the sector, to reliably and externally verify their acoustic absorption across all parameters, as well as their resistance to aging and fire.

04. CERTIFICADOS

Las certificaciones que avalan nuestros procesos y productos son un reflejo de nuestro compromiso con la excelencia, la seguridad y la responsabilidad ambiental. Estas acreditaciones garantizan a nuestros clientes que cada solución que ofrecemos cumple con las normativas más exigentes y aporta un valor diferencial en el mercado global.

En el desarrollo de nuestras soluciones acústicas creemos en elaboraciones menos contaminantes y en el uso de materiales compostables, reciclados y reciclables. Bajo esta premisa, los sistemas y las tecnologías patentadas por ISINAC sintetizan el diseño con un elevado nivel de prestaciones técnicas y funcionalidad.

Dedicamos todos nuestros esfuerzos para diferenciar nuestros productos a través de su calidad y garantía. Es por ello que todo el material utilizado por ISINAC se testa en los laboratorios independientes más reconocidos del sector, para comprobar de forma fidedigna y externa su absorción acústica en todos sus parámetros, pero también su resistencia al paso del tiempo y al fuego.

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aitex®

20mm ADH

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EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

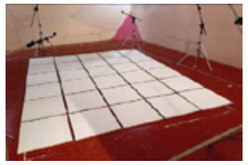
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

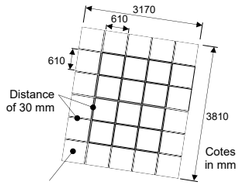
TEST DATE: 12/01/2024

RESULT No.: 110259-2

TEST SPECIMEN:

Configuration of panels
ISINAC C.610.20 ADH



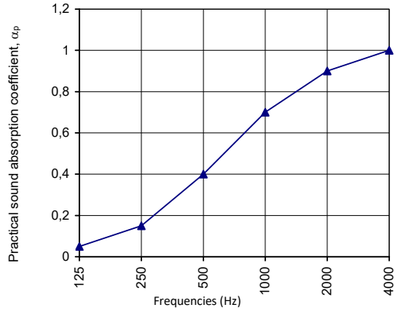


Panel composed of open cell resin foam (20 mm & 9 kg/m^3) with adhesive on hidden face

Area of test specimen: 12,08 m^2
Reverberation room volume: 209,6 m^3

f (Hz)	α_s	α_p
100	0,03	0,05
125	0,04	
160	0,08	
200	0,14	0,15
250	0,16	
315	0,21	
400	0,29	0,40
500	0,40	
630	0,51	
800	0,65	0,70
1000	0,72	
1250	0,79	
1600	0,86	0,90
2000	0,88	
2500	0,92	
3150	0,95	1,00
4000	1,00	
5000	0,99	

Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,40 (MH)



ilac-MRA ENAC ENSAYO ISO 17025 Nº4 / LE456

40mm ADH

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
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Sound absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No: B2018-27-M543

Test date: 31st July, 2018

Test specimen: Configuration of panels *ISINAC C.610.40 ADH.*

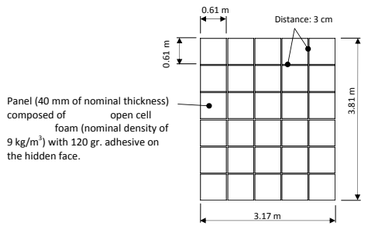
Configuration: Panels on the floor of the testing room, covering S=12.08 m^2. Mounting type A according to Annex B of EN ISO 354:2003.



Area, S, test: 12.08 m^2
Volume of reverberation room: 209.6 m^3

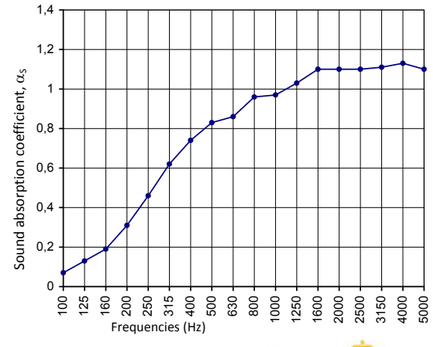
t_1 : 22.5 ºC
HR_1 : 65 %
P_1: 959 mbar
t_2 : 22.6 ºC
HR_2 : 66 %
P_2: 958 mbar

1. Empty room
2. Room with the test specimen



Panel (40 mm of nominal thickness) composed of open cell foam (nominal density of 9 kg/m^3) with 120 gr. adhesive on the hidden face.

f (Hz)	T_1	T_2	α_s	α_p
100	8.87	7.19	**0.07**	
125	8.67	6.19	**0.13**	**0.15**
160	8.99	5.58	**0.19**	
200	9.74	4.71	**0.31**	
250	9.35	3.66	**0.46**	**0.45**
315	8.98	2.99	**0.62**	
400	8.80	2.64	**0.74**	
500	8.95	2.43	**0.83**	**0.80**
630	8.77	2.36	**0.86**	
800	8.12	2.13	**0.96**	
1000	7.68	2.09	**0.97**	**1.00**
1250	7.02	1.95	**1.03**	
1600	6.31	1.81	**1.10**	
2000	5.46	1.73	**1.10**	**1.00**
2500	4.73	1.65	**1.10**	
3150	3.90	1.53	**1.11**	
4000	3.23	1.40	**1.13**	**1.00**
5000	2.50	1.26	**1.10**	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0.75 (MH)

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4 / LE 456

40mm HUNG / COLG

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Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
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Sound Absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No: B2019-54-M606

Test date: 10th April, 2019

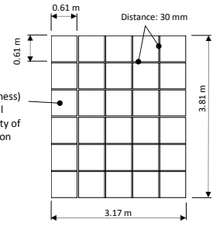
Test specimen: Configuration of *ISINAC C.610.40 ADH* panels with a separation of 400 mm from a surface.



Area, S, test: 12.08 m^2
Volume of reverberation room: 209.6 m^3

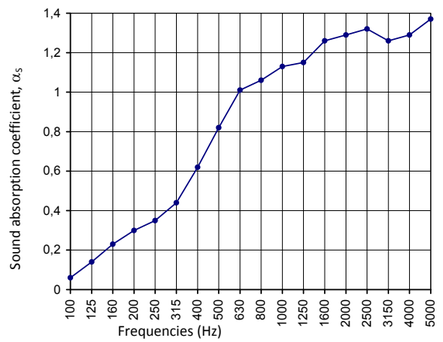
t_1 : 18.9 ºC
HR_1 : 48 %
P_1: 950 mbar
t_2 : 19.4 ºC
HR_2 : 52 %
P_2: 954 mbar

1. Empty room
2. Room with the test specimen



Panel (40 mm of nominal thickness) composed of open cell foam (nominal density of 9 kg/m^3) with 120 gr. adhesive on the hidden face.

f (Hz)	T_1	T_2	α_s	α_p
100	8.17	6.97	**0.06**	
125	7.73	5.63	**0.14**	**0.15**
160	9.18	5.26	**0.23**	
200	9.51	4.69	**0.30**	
250	9.38	4.32	**0.35**	**0.35**
315	8.27	3.58	**0.44**	
400	8.35	2.94	**0.62**	
500	8.89	2.47	**0.82**	**0.80**
630	8.47	2.09	**1.01**	
800	7.98	1.98	**1.06**	
1000	7.56	1.86	**1.13**	**1.00**
1250	6.82	1.79	**1.15**	
1600	6.07	1.63	**1.26**	
2000	5.26	1.54	**1.29**	**1.00**
2500	4.37	1.44	**1.32**	
3150	3.45	1.37	**1.26**	
4000	2.73	1.23	**1.29**	**1.00**
5000	2.02	1.04	**1.37**	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0.65 (MH)

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Test Report No B2019-LACUS-IN-54 I **Page 7 of 7**

40mm ILUCS ADH

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
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Sound Absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No: B2018-27-M542

Test date: 10th July, 2018

Test specimen: Configuration of panels ISINAC ILUCS ADH

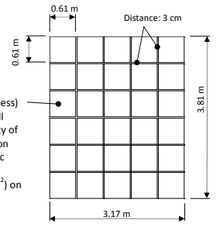
Configuration: Mounting type A according to Annex B of EN ISO 354:2003.



Area, S, test: 12.08 m^2
Volume of reverberation room: 209.6 m^3

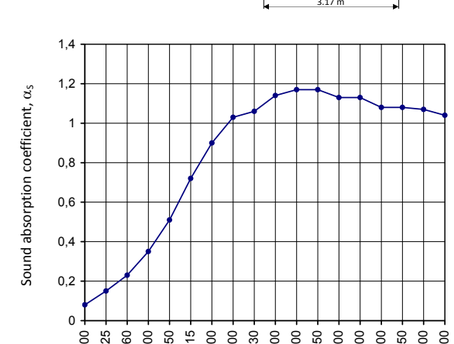
t_1 : 21,7 ºC
HR_1 : 64 %
P_1: 961 mbar
t_2 : 21,9 ºC
HR_2 : 65 %
P_2: 959 mbar

1. Empty room
2. Room with the test specimen



Panel (40 mm of nominal thickness) composed of: open cell foam (nominal density of 9 kg/m^3) with 120 gr. adhesive on the hidden face + ILUCS Fabric (100% Trevira CS polyester & nominal grammage of 265 gr/m^2) on face-side and edges.

f (Hz)	T_1	T_2	α_s	α_p
100	9.26	7.36	**0.08**	
125	8.39	5.82	**0.15**	**0.15**
160	9.04	5.17	**0.23**	
200	9.63	4.36	**0.35**	
250	9.61	3.49	**0.51**	**0.55**
315	9.03	2.71	**0.72**	
400	8.82	2.29	**0.90**	
500	9.12	2.08	**1.03**	**1.00**
630	8.73	2.02	**1.06**	
800	8.39	1.89	**1.14**	
1000	7.82	1.82	**1.17**	**1.00**
1250	7.00	1.78	**1.17**	
1600	6.34	1.77	**1.13**	
2000	5.54	1.71	**1.13**	**1.00**
2500	4.75	1.67	**1.08**	
3150	3.92	1.56	**1.08**	
4000	3.21	1.44	**1.07**	**1.00**
5000	2.44	1.28	**1.04**	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0.85 (H)

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Test Report No B2018-LACUS-IN-27 II_En **Page 7 of 7**

40mm ILUCS HUNG / COLG

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

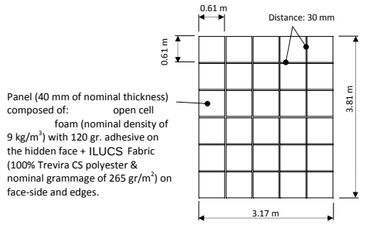
Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No: B2019-54-M607

Test date: 10th April, 2019

Test specimen: Configuration of ISINAC ILUCS panels with a separation of 400 mm from a surface.





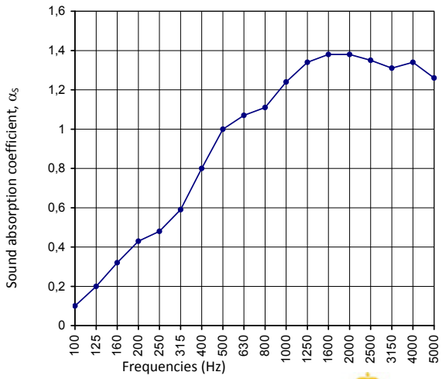
Panel (40 mm of nominal thickness) composed of: open cell foam (nominal density of 9 kg/m^3) with 120 gr. adhesive on the hidden face + ILUCS Fabric (100% Trevira CS polyester & nominal grammage of 265 gr/m^2) on face-side and edges.

Area, S, test: 12.08 m^2
Volume of reverberation room: 209.6 m^3

t_1 : 18.9 ºC
HR_1 : 48 %
P_1: 950 mbar
t_2 : 19.3 ºC
HR_2 : 53 %
P_2: 954 mbar

1. Empty room
2. Room with the test specimen

f (Hz)	T_1	T_2	α_s	α_p
100	8.17	6.39	**0.10**	
125	7.73	4.99	**0.20**	**0.20**
160	9.18	4.51	**0.32**	
200	9.51	3.85	**0.43**	
250	9.38	3.60	**0.48**	**0.50**
315	8.27	3.01	**0.59**	
400	8.35	2.47	**0.80**	
500	8.89	2.13	**1.00**	**0.95**
630	8.47	2.00	**1.07**	
800	7.98	1.91	**1.11**	
1000	7.56	1.74	**1.24**	**1.00**
1250	6.82	1.60	**1.34**	
1600	6.07	1.52	**1.38**	
2000	5.26	1.47	**1.38**	**1.00**
2500	4.37	1.42	**1.35**	
3150	3.45	1.34	**1.31**	
4000	2.73	1.21	**1.34**	**1.00**
5000	2.02	1.09	**1.26**	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0.80 (H)

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4/LE456

40mm IZZER ADH

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

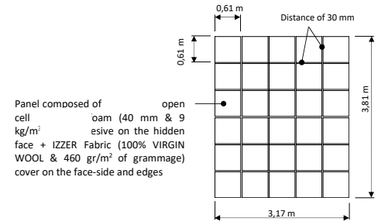
Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No.: B2021-146-M841

Test date: 4th May 2021

Test specimen: Configuration of panels *ISINAC de 4cm de espesor acabado izzer cover con autoadhesivo*.





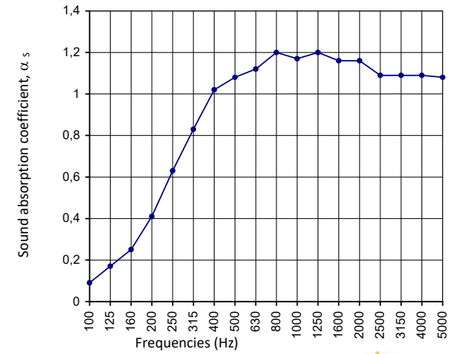
Panel composed of open cell foam (40 mm & 9 kg/m^2) adhesive on the hidden face + IZZER Fabric (100% VIRGIN WOOL & 460 gr/m^2 of grammage) cover on the face-side and edges

Area, S, test: 12,08 m^2
Volume of reverberation room: 209,6 m^3

t_1 : 18,4 ºC
HR_1 : 52 %
P_1: 961 mbar
t_2 : 18,7 ºC
HR_2 : 55 %
P_2: 957 mbar

1. Empty room
2. Room with the test specimen

f (Hz)	T_1	T_2	α_s	α_p
100	8,75	6,81	0,09	
125	8,17	5,50	0,17	**0,15**
160	8,69	4,94	0,25	
200	9,52	3,97	0,41	
250	9,42	3,01	0,63	**0,60**
315	8,35	2,41	0,83	
400	8,54	2,08	1,02	
500	9,00	2,01	1,08	**1,00**
630	8,65	1,94	1,12	
800	8,12	1,82	1,20	
1000	7,55	1,81	1,17	**1,00**
1250	6,93	1,75	1,20	
1600	6,21	1,74	1,16	
2000	5,29	1,66	1,16	**1,00**
2500	4,39	1,63	1,09	
3150	3,54	1,50	1,09	
4000	2,79	1,36	1,09	**1,00**
5000	2,06	1,17	1,08	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0,90

Evaluation based on laboratory measurement obtained by an engineering method

ilac-MRA ENAC ENSAYOS Nº 4/LE456

60mm ADH

tecnalia
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

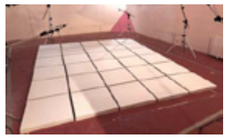
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

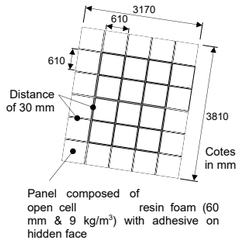
TEST DATE: 10/01/2024

RESULT No.: 110259-1

TEST SPECIMEN:

Configuration of panels
ISINAC C.610.60 ADH





Area of test specimen: 12,08 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,14	0,30
125	0,28	
160	0,42	
200	0,70	0,80
250	0,79	
315	0,86	
400	1,08	1,00
500	1,06	
630	1,14	
800	1,20	1,00
1000	1,17	
1250	1,16	
1600	1,17	1,00
2000	1,16	
2500	1,18	
3150	1,18	1,00
4000	1,18	
5000	1,16	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 1,00

ilac-MRA ENAC DNSAYO ISO 17025 Nº4 / LE456

LINEAR ADH

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EUSKO JAURLARITZA GOBIERNO VASCO

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

ilac-MRA ENAC ENSAYOS Nº 4 / LE 456

Sound absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

TEST DATE: 20/01/2023

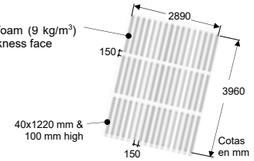
RESULT No.: B2023-195-M952

TEST SPECIMEN: Configuration of panels ***ISINAC LINEAR***

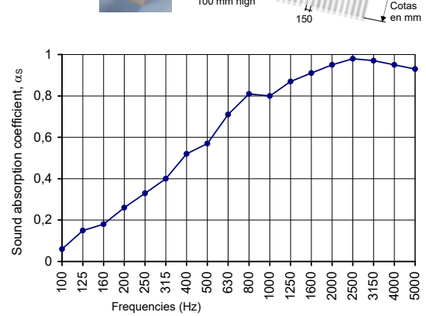


Area, S, test: 11,44 m²
Reverberation room volume: 209,6 m³





f (Hz)	α_s	α_p
100	0,06	0,15
125	0,15	
160	0,18	
200	0,26	0,35
250	0,33	
315	0,40	
400	0,52	0,60
500	0,57	
630	0,71	
800	0,81	0,85
1000	0,80	
1250	0,87	
1600	0,91	0,95
2000	0,95	
2500	0,98	
3150	0,97	0,95
4000	0,95	
5000	0,93	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,60 (MH)

LAB SERVICES

Evaluation based on laboratory measurement obtained by an engineering method

BLIND / ESTOR IZZER

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

Sound absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

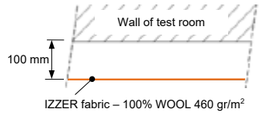
TEST DATE: 27th January 2023

RESULT No.: B2023-195-M953

TEST SPECIMEN: ***ISINAC ISTORE IZZER*** **roller blind, with unrolled arrangement and 100 mm of distance to the wall**

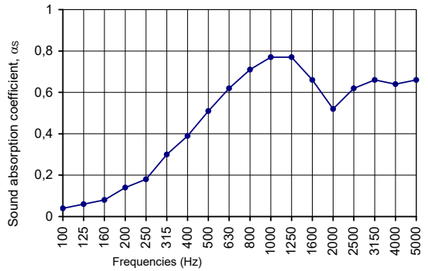




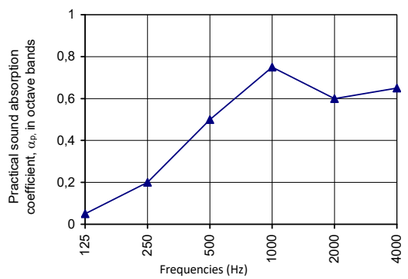


Area, S, test: 12,15 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,04	
125	0,06	0,05
160	0,08	
200	0,14	
250	0,18	0,20
315	0,30	
400	0,39	
500	0,51	0,50
630	0,62	
800	0,71	
1000	0,77	0,75
1250	0,77	
1600	0,66	
2000	0,52	0,60
2500	0,62	
3150	0,66	
4000	0,64	0,65
5000	0,66	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,50 (MH)



Evaluation based on laboratory measurement obtained by an engineering method

CURTAIN ILUCS 1 LAYER / CAPA

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

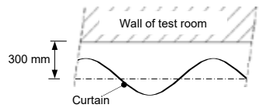
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

TEST DATE: 28/11/2024

RESULT No.: 115541-3

TEST SPECIMEN: ***ISINAC CURTAIN ILUCS 1 LAYER*** **curtain, with folded arrangement and 300 mm of distance to the wall**

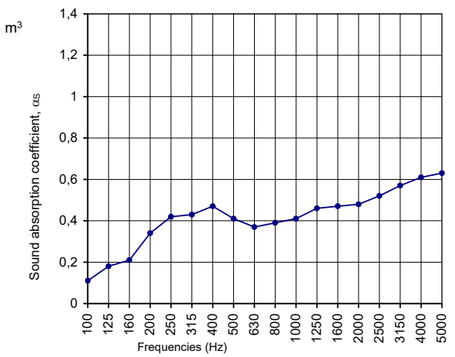




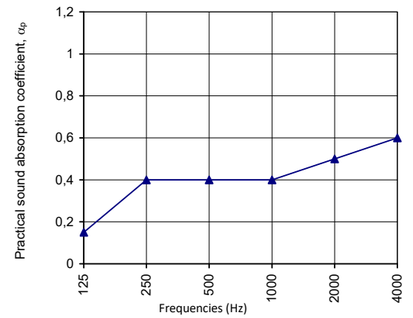
ILUCS FABRIC
100% POLYESTER TREVIRA CS
(~0,5 mm thick & 265 gr/m²)

Area, S, test: 10,73 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,11	
125	0,18	0,15
160	0,21	
200	0,34	
250	0,42	0,40
315	0,43	
400	0,47	
500	0,41	0,40
630	0,37	
800	0,39	
1000	0,41	0,40
1250	0,46	
1600	0,47	
2000	0,48	0,50
2500	0,52	
3150	0,57	
4000	0,61	0,60
5000	0,63	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,45 (H)



CURTAIN ILUCS 2 LAYERS / CAPAS

tecnal:a
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

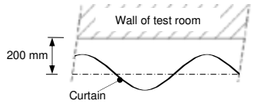
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

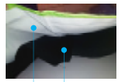
TEST DATE: 29/02/2024

RESULT No.: 110259-6

TEST SPECIMEN: ***ISINAC CURTAIN ILUCS 2 layers*** **curtain, with folded arrangement and 200 mm of distance to the wall**





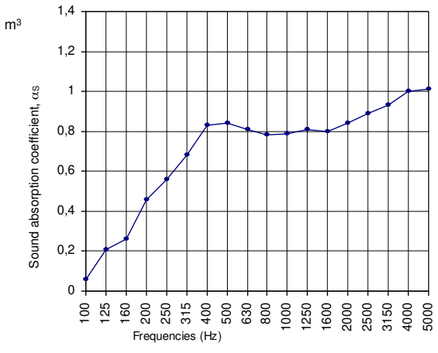


a. **ILUCS FABRIC**
100% POLYESTER TREVIRA CS 265 gr/m^2

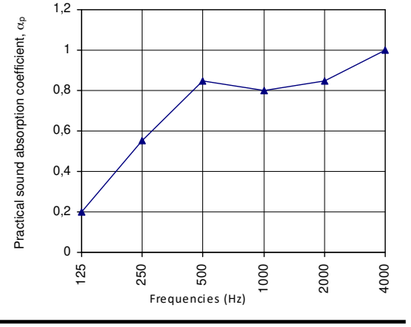
b. **PX210 FABRIC**
100% CARBON FIBER 210 gr/m^2

Area, S, test: 10,8 m^2
Reverberation room volume: 209,6 m^3

f (Hz)	α_s	α_p
100	0,06	0,20
125	0,21	
160	0,26	
200	0,46	0,55
250	0,56	
315	0,68	
400	0,83	0,85
500	0,84	
630	0,81	
800	0,78	0,80
1000	0,79	
1250	0,81	
1600	0,80	0,85
2000	0,84	
2500	0,89	
3150	0,93	1,00
4000	1,00	
5000	1,01	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,80 (H)



ilac-MRA ENAC ENSAYO ISO 17025 Nº4 / LE456

TEST REPORT No. 110259-6 PAGE 7 / 7

CURTAIN ILUCS 4 LAYERS / CAPAS

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por: tecnalia

Sound absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result Nº: B2019-54-M615

Test date: 8th May, 2019

Test specimen: ISINAC CURTAIN.
Each curtain panel is formed by 2 pieces (a+b) joined together by the sides and top.

Test arrangement: Folded arrangement. Type G-200 mounting (200 mm of distance to the wall) according to EN ISO 354:2003.

Area, S, test: 10.8 m^2
Reverberation room volume: 209.6 m^3

t_1 : 20.2 ºC
HR_1 : 47 %
P_1: 955 mbar
t_2 : 20.9 ºC
HR_2 : 51 %
P_2: 952 mbar

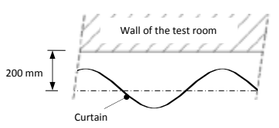
1. Empty room
2. Room with test specimen



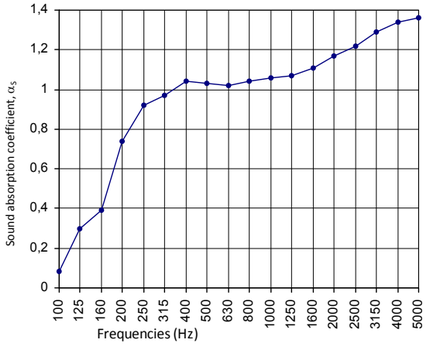
a- ILUCS fabric:
100% Trevira CS polyester
(1 mm & 265 gr/m^2)

b- Non-woven fabric in carbon
(3 mm & 250 gr/m^2)





f (Hz)	T_1	T_2	α_s	α_p
100	8.49	6.98	**0.08**	
125	8.45	4.66	**0.30**	**0.25**
160	8.83	4.19	**0.39**	
200	9.17	2.90	**0.74**	
250	9.10	2.48	**0.92**	**0.90**
315	8.55	2.33	**0.97**	
400	8.61	2.23	**1.04**	
500	8.77	2.25	**1.03**	**1.00**
630	8.49	2.24	**1.02**	
800	8.00	2.18	**1.04**	
1000	7.52	2.11	**1.06**	**1.00**
1250	6.87	2.04	**1.07**	
1600	6.15	1.93	**1.11**	
2000	5.26	1.78	**1.17**	**1.00**
2500	4.38	1.63	**1.22**	
3150	3.46	1.44	**1.29**	
4000	2.72	1.28	**1.34**	**1.00**
5000	2.04	1.11	**1.36**	



Evaluation according to EN ISO 11654:1997	
Weighted sound absorption coefficient:	Classification:
α_w = 1,00	A

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYO Nº 4 / LE 456

Test Report Nº B2019-LACUS-IN-54 V **Page 8 of 8**

CURTAIN ILUCS 4 SOUND - PROOFING / AISL. ACÚSTICO

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Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ACOUSTICS AREA operated by:
tecnalia

Airborne Sound Insulation according to EN ISO 10140-2:2010
Laboratory Measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No.: B2021-146-M844

Test date: 20th May 2021

Test specimen: Curtain Ref. ISINAC CURTAIN, with folded arrangement.



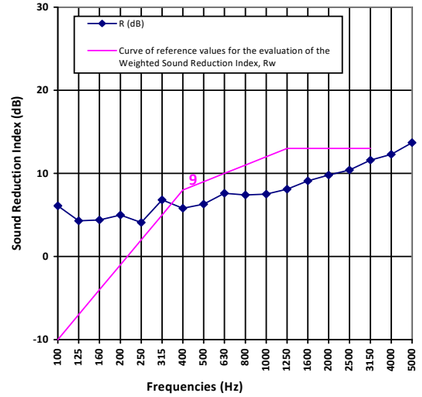
Description: Each curtain panel is formed by 2 pieces sewn around the perimeter. Composition of each piece:
- ILUCS fabric: 100% Trevira CS polyester (1 mm & 265 gr/m^2), in face side
- Non-woven fabric in carbon (2,5 mm & 210 gr/m^2), in hidden face

Folding: 9600 mm wide x 2800 mm high, which folding covers an area of 3600 mm wide x 2800 mm high.

Test arrangement: 6 panels joined by zipper, mechanically fixed to a perimeter wooden strip, mechanically fixed to a prefabricated concrete frame. Perimeter joint between sample and frame sealed by silicone.

Area, S, test: 10,08 m^2
Estimated superficial mass: 2,5 kg/m^2
Source room volume: 65 m^3
Receiving room volume: 55 m^3
T $_{rooms}$: 21,1 ºC
HR $_{rooms}$: 46 %
P $_{rooms}$: 965 mbar

f (Hz)	R (dB)
100	6,1
125	4,3
160	4,4
200	5,0
250	4,1
315	6,8
400	5,8
500	6,3
630	7,6
800	7,4
1000	7,5
1250	8,1
1600	9,1
2000	9,8
2500	10,4
3150	11,6
4000	12,3
5000	13,7



Rating according to EN ISO 717-1:2013:	$R_w(C;C_{tr})$:	9 (-1; -2)	dB
Rating according to CTE DB-HR:	R_A:	9,0	dBA

Evaluation based on laboratory measurement results obtained by an engineering method

ENAC ENSAYOS Nº 4/LE456

CURTAIN ILUCS 4 THERMAL INSULATION / AISL. TÉRMICO

aitex research & innovation center

INFORME DE ENSAYO / *TEST REPORT* 2024AN1970

FECHA DE RECEPCIÓN / ***DATE OF RECEPTION***
Date Format: dd/MM/yyyy 07/08/2024

FECHA DE ENSAYOS / ***DATE TESTS***
Inicio / *Starting*: 22/08/2024
Finalización / *Ending*: 28/08/2024

SOLICITANTE / ***APPLICANT***

ISINAC ACOUSTIC WORLD SL
CALLE LOPEZ DE NEIRA 3, 3º, OFICINA 301,
ES-36203 Vigo (Pontevedra)
España

Att. Bernardo DM

IDENTIFICACIÓN Y DESCRIPCIÓN DE LAS MUESTRAS/ ***IDENTIFICATION AND DESCRIPTION OF SAMPLES***

Referencia AITEX *Reference by AITEX*	Referencia Cliente *Reference by customer*	Descripción AITEX *AITEX sample description*
2024AN1970-S01	CORTINA ISINAC con tejido ILUCS de 4 CAPAS	Tejido *Fabric*

ENSAYOS REALIZADOS / ***TESTS CARRIED OUT***

- DETERMINACIÓN DE LA RESISTENCIA Y CONDUCTIVIDAD TÉRMICA / *DETERMINATION OF THE THERMAL RESISTANCE AND CONDUCTIVITY.*

Asociación de Investigación de la Industria Textil – C.I.F.: G03182870

Conductividad térmica (W/m·ºK)
Thermal conductivity (W/m·ºK)

Probeta 1 *Specimen 1*	0,038162
Probeta 2 *Specimen 2*	0,038284
Probeta 3 *Specimen 3*	0,038336

CONDUCTIVIDAD TÉRMICA MEDIA *Thermal conductivity*		RESITENCIA TÉRMICA MEDIA *Thermal resistance*	
0,038261	W/m ºK	0,152401	m² K/W

Los ensayos marcados con * no están amparados por la acreditación de ENAC.
*Tests marked with * are not included in the scope of the ENAC accreditation.*

CURTAIN ILUCS 8 SOUND - PROOFING / AISL. ACÚSTICO

tecnal:a
labo

Sound Insulation according to EN ISO 10140-2:2021
Laboratory Measurements

CLIENT: ISINAC ACOUSTIC WORLD, S.L.

TEST DATE: 29/07/2025

RESULT No.: 118746-2

TEST SPECIMEN: **Curtain *Ref. ISINAC CURTAIN ILUCS 8 layers*.**



Description: Curtain formed by 8 layers:

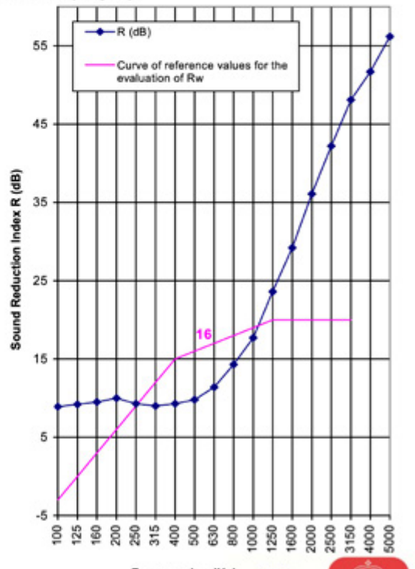
1. ILUCS FABRIC - 100% POLYESTER TREVIRA CS [265 gr/m²]
2. PX210 FABRIC - 100% CARBON FIBER [210 gr/m²]
3. FV450 - FIBERGLASS [450 gr/m²]
4. SFV600 - FIBERGLASS + SILICONE ON BOTH SIDES [600 gr/m²]
5. FV450 - FIBERGLASS [450 gr/m²]
6. SFV600 - FIBERGLASS + SILICONE ON BOTH SIDES [600 gr/m²]
7. PX210 FABRIC - 100% CARBON FIBER [210 gr/m²]
8. ILUCS FABRIC - 100% POLYESTER TREVIRA CS [265 gr/m²]

Test arrangement: Panels stapled to a perimeter wooden strip, with perimeter joint sealed by silicone.

Estimated superficial mass: 3,1 kg/m²
Test specimen area: 10,08 m²

Source room volume: 66,9 m³
Reception room volume: 56 m³

f (Hz)	R (dB)
100	8,9
125	9,2
160	9,5
200	10,0
250	9,3
315	9,0
400	9,3
500	9,8
630	11,4
800	14,3
1000	17,7
1250	23,6
1600	29,2
2000	36,1
2500	42,2
3150	48,1
4000	51,7
5000	56,2



Rating according to EN ISO 717-1:2021:	R_w (C;C_{tr}):	16 (0; -2) dB
Rating according to:	R_A:	17,0 dBA

Evaluation based on laboratory measurement obtained by an engineering method

ilac-MRA ENAC ENSAYO ISO 17025 Nº4 / LE456

20mm IZZER HEXAGON - STUCK

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por: tecnalia

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No.: B2021-146-M839

Test date: 3rd May 2021

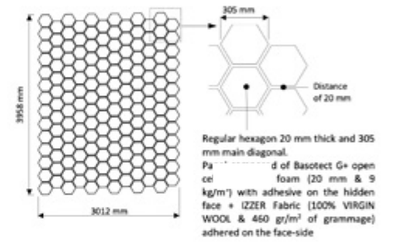
Test specimen: Configuration of panels *ISINAC de 2cm de espesor acabado izzer adhered con autoadhesivo.*



Area, S, test: 11,92 m²
Volume of reverberation room: 209,6 m³

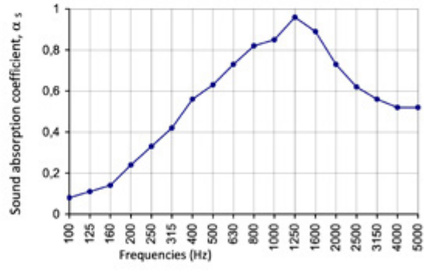
t_1 : 18,4 ºC
HR_1 : 52 %
P_1: 961 mbar
t_2 : 18,4 ºC
HR_2 : 52 %
P_2: 963 mbar

1. Empty room
2. Room with the test specimen



Regular hexagon 20 mm thick and 305 mm main diagonal.
Pa d of Basotect G+ open cel foam (20 mm & 9 kg/m³) with adhesive on the hidden face + IZZER Fabric (100% VIRGIN WOOL & 460 gr/m² of grammage) adhered on the face-side

f (Hz)	T_1	T_2	α_s	α_p
100	8,75	7,07	0,08	
125	8,17	6,24	0,11	0,10
160	8,69	6,05	0,14	
200	9,52	5,30	0,24	
250	9,42	4,47	0,33	0,35
315	8,35	3,74	0,42	
400	8,54	3,18	0,56	
500	9,00	3,01	0,63	0,65
630	8,65	2,69	0,73	
800	8,12	2,44	0,82	
1000	7,55	2,32	0,85	0,90
1250	6,93	2,07	0,96	
1600	6,21	2,11	0,89	
2000	5,29	2,23	0,73	0,75
2500	4,39	2,24	0,62	
3150	3,54	2,08	0,56	
4000	2,79	1,84	0,52	0,55
5000	2,06	1,49	0,52	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0,65 (M)

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4 / LE 456

40mm IZZER SQUARE - STUCK

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No.: B2021-146-M840

Test date: 4th May 2021

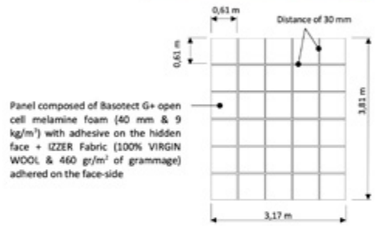
Test specimen: Configuration of panels *ISINAC de 4cm de espesor acabado izzer adhered con autoadhesivo.*



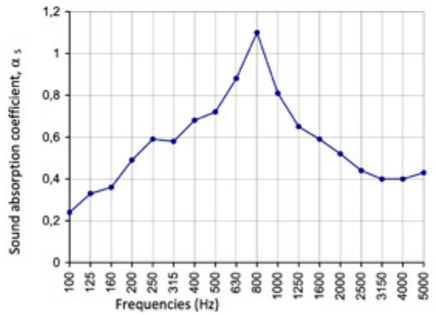
Area, S, test: 12,08 m²
Volume of reverberation room: 209,6 m³

t_1 : 18,4 ºC
HR_1 : 52 %
P_1: 961 mbar
t_2 : 18,7 ºC
HR_2 : 54 %
P_2: 959 mbar

1. Empty room
2. Room with the test specimen



f (Hz)	T_1	T_2	α_s	α_p
100	8,75	5,01	0,24	
125	8,17	4,18	0,33	0,30
160	8,69	4,12	0,36	
200	9,52	3,57	0,49	
250	9,42	3,17	0,59	0,55
315	8,35	3,06	0,58	
400	8,54	2,77	0,68	
500	9,00	2,71	0,72	0,75
630	8,65	2,32	0,88	
800	8,12	1,94	1,10	
1000	7,55	2,36	0,81	0,85
1250	6,93	2,65	0,65	
1600	6,21	2,70	0,59	
2000	5,29	2,69	0,52	0,50
2500	4,39	2,61	0,44	
3150	3,54	2,38	0,40	
4000	2,79	2,02	0,40	0,40
5000	2,06	1,60	0,43	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0,55 (M)

Evaluation based on laboratory measurement obtained by an engineering method

ilac-MRA ENAC ENSAYOS Nº 4/LE456

40mm IZZER SQUARE - STUCK WITH AIR CHAMBER

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result No.: B2021-146-M842

Test date: 24th June 2021

Test specimen: Suspended ceiling composed of panels *"ISINAC de 4cm de espesor acabado izzer adhered"* and 400 mm air chamber.

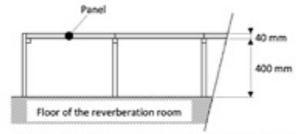
Test arrangement: Type E-440 mounting according to EN ISO 354:2003-Annex B.



Area, S, test: 11,16 m²
Volume of reverberation room: 209,6 m³

t_1 : 20,4 ºC
HR_1 : 61 %
P_1: 958 mbar
t_2 : 19,8 ºC
HR_2 : 57 %
P_2: 966 mbar

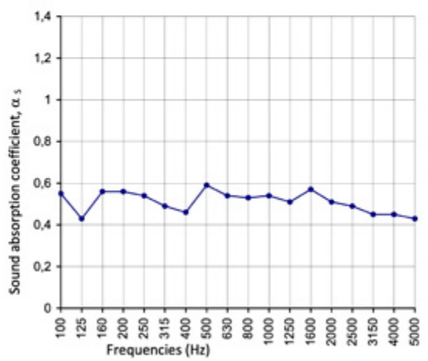
1. Empty room
2. Room with the test specimen



Panel composed of Basotect G+ open cell melamine foam (40 mm & 9 kg/m³) + IZZER Fabric (100% VIRGIN WOOL & 460 gr/m² of grammage) adhered on the face-side.

Panels support structure in MDF.

f (Hz)	T_1	T_2	α_s	α_p
100	8,90	3,39	0,55	
125	7,96	3,72	0,43	0,50
160	8,92	3,36	0,56	
200	10,19	3,52	0,56	
250	9,74	3,56	0,54	0,55
315	8,93	3,65	0,49	
400	8,70	3,77	0,46	
500	9,29	3,30	0,59	0,55
630	8,96	3,45	0,54	
800	8,50	3,41	0,53	
1000	7,89	3,31	0,54	0,55
1250	7,10	3,25	0,51	
1600	6,43	2,93	0,57	
2000	5,53	2,85	0,51	0,50
2500	4,73	2,67	0,49	
3150	3,83	2,41	0,45	
4000	3,11	2,09	0,45	0,45
5000	2,33	1,70	0,43	



Evaluation according to EN ISO 11654:1997:

Weighted sound absorption coefficient: α_w = 0,55

Evaluation based on laboratory measurement obtained by an engineering method

ilac-MRA ENAC ENSAYOS Nº 4/LE2527

CURTAIN IZZER 1 LAYER / CAPA

tecnal:a
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

TEST DATE: 27/11/2024

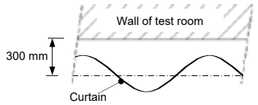
RESULT No.: 115541-2

TEST SPECIMEN: ***ISINAC CURTAIN IZZER 1 LAYER*** **curtain, with folded arrangement and 300 mm of distance to the wall**





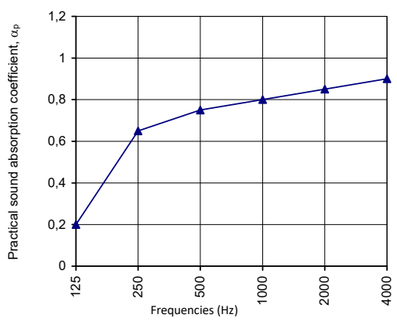
IZZER FABRIC
100% VIRGIN WOOL
(~1,75 mm thick & 460 gr/m²)



Area, S, test: 10,91 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,13	0,20
125	0,22	
160	0,32	
200	0,53	0,65
250	0,69	
315	0,77	
400	0,81	0,75
500	0,76	
630	0,73	
800	0,77	0,80
1000	0,77	
1250	0,83	
1600	0,85	0,85
2000	0,85	
2500	0,84	
3150	0,89	0,90
4000	0,89	
5000	0,92	





Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,80

ilac-MRA ENAC ENSAYOS Nº 4/LE456

CURTAIN IZZER 4 LAYERS / CAPAS

tecnal:a
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA GOBIERNO VASCO

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Sound absorption according to EN ISO 354:2003
Laboratory measurements

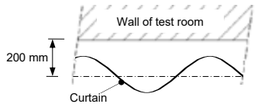
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

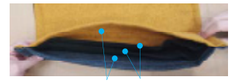
TEST DATE: 31st January 2023

RESULT No.: B2023-195-M954

TEST SPECIMEN: ***ISINAC CURTAIN IZZER*** **curtain, with folded arrangement and 200 mm of distance to the wall**





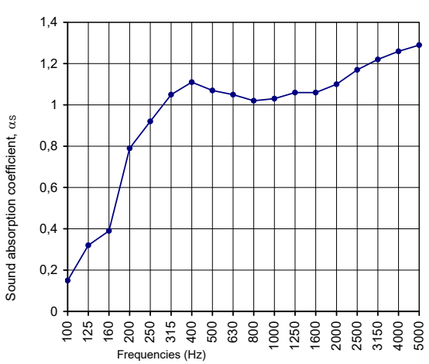


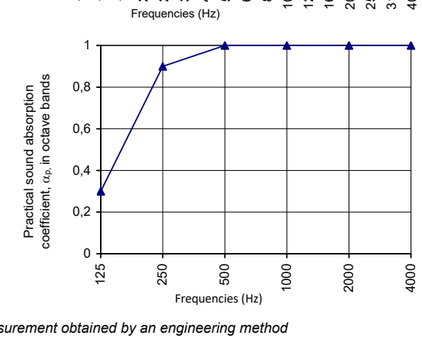
a. IZZER FABRIC
100% WOOL460 gr/m²

b. PX210 FABRIC
100% CARBON FIBER 210 gr/m²

Area, S, test: 10,8 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,15	0,30
125	0,32	
160	0,39	
200	0,79	0,90
250	0,92	
315	1,05	
400	1,11	1,00
500	1,07	
630	1,05	
800	1,02	1,00
1000	1,03	
1250	1,06	
1600	1,06	1,00
2000	1,10	
2500	1,17	
3150	1,22	1,00
4000	1,26	
5000	1,29	





Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 1,00

LAB SERVICES

Evaluation based on laboratory measurement obtained by an engineering method

CURTAIN IZZER 4 SOUND - PROOFING / AISL. ACÚSTICO

tecnalia MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE — EUSKO JAURLARITZA GOBIERNO VASCO — ilac-MRA — ENAC ENSAYOS Nº 4/LE456

Airborne Sound Insulation according to EN ISO 10140-2:2021
Laboratory Measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

TEST DATE: 21st February 2023

RESULT No.: B2023-195-M958

TEST SPECIMEN: Curtain ***ISINAC CURTAIN IZZER,*** with folded arrangement.

Description: Each curtain panel is formed by 4 layers sewn around the perimeter:
- IZZER fabric 100% WOOL 460 gr/m², in exposed layers
- PX210 FABRIC 100% CARBON FIBER 210 gr/m², in inner layers

Folding: 7200 mm wide x 2800 mm high, which folding covers an area of 3600 mm wide x 2800 mm high.

Test arrangement: 5 panels joined by zipper, mechanically fixed to a perimeter wooden strip, with perimeter joint sealed by silicone.



Area, S, test: 10,08 m²

Estimated superficial mass: 2,7 kg/m²

V_{src}: 66,8 m³ V_{rec}: 55,6 m³

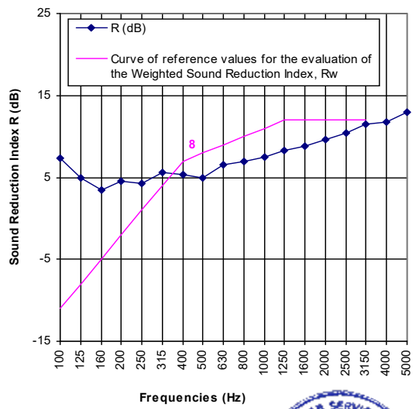
T_{src}: 21,0 ºC T_{rec}: 20,3 ºC

H_{src}: 35 % H_{rec}: 37 %

P_{src}: 960 mbar P_{rec}: 960 mbar

V: volume; src: source room; rec: reception room

f (Hz)	R (dB)
100	7,3
125	5,0
160	3,5
200	4,5
250	4,3
315	5,6
400	5,3
500	5,0
630	6,6
800	7,0
1000	7,5
1250	8,3
1600	8,8
2000	9,6
2500	10,4
3150	11,5
4000	11,8
5000	12,9



Rating according to EN ISO 717-1:2021:	R_w (C;C_{tr}):	8 (0; -1)	dB
Rating according to CTE DB-HR:	R_A:	8,6	dBA

Evaluation based on laboratory measurement obtained by an engineering method.

CURTAIN PX500 1 LAYER / CAPA

tecnalia MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE — EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

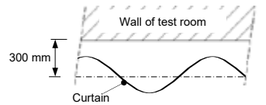
CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

TEST DATE: 27/11/2024

RESULT No.: 115541-1

TEST SPECIMEN: ***ISINAC CURTAIN PX500 1 LAYER*** **curtain, with folded arrangement and 300 mm of distance to the wall**





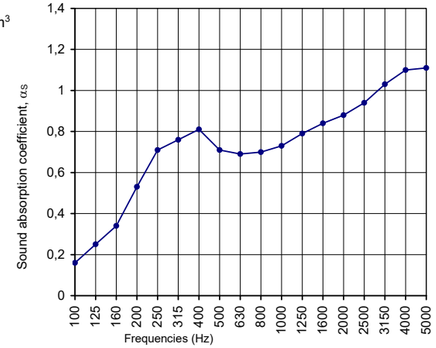


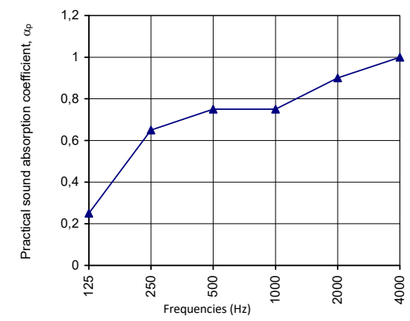
PX500 FABRIC
100% CARBON FIBER
(~5 mm thick & 500 gr/m²)

Area, S, test: 10,69 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,16	0,25
125	0,25	
160	0,34	
200	0,53	0,65
250	0,71	
315	0,76	
400	0,81	0,75
500	0,71	
630	0,69	
800	0,70	0,75
1000	0,73	
1250	0,79	
1600	0,84	0,90
2000	0,88	
2500	0,94	
3150	1,03	1,00
4000	1,10	
5000	1,11	

Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,80 (H)





WB ILUCS 33mm

tecnalia
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

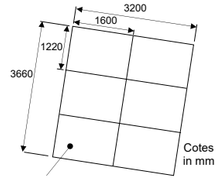
TEST DATE: 31/01/2024

RESULT No.: 110259-5

TEST SPECIMEN:

Configuration of panels *ISINAC WB ILUCS 33mm* with a separation of 400 mm from a surface

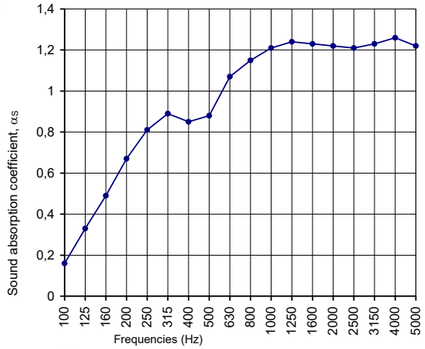


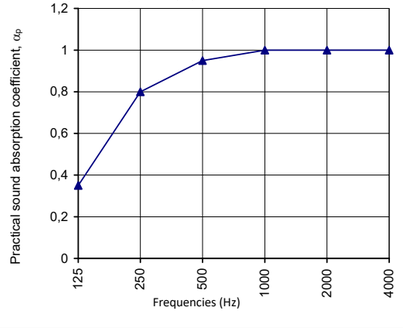


33 mm thick panel composed of perimeter frame, with *ILUCS* fabric (100% Polyester Trevira CS & 265 gr/m²) on face and hidden side and open cell resin foam inside

Area, S, test: 11,71 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,16	0,35
125	0,33	
160	0,49	
200	0,67	0,80
250	0,81	
315	0,89	
400	0,85	0,95
500	0,88	
630	1,07	
800	1,15	1,00
1000	1,21	
1250	1,24	
1600	1,23	1,00
2000	1,22	
2500	1,21	
3150	1,23	1,00
4000	1,26	
5000	1,22	





Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 1,00

ilac-MRA ENAC CNSAYO ISO 17025 Nº4 / LE456

TEST REPORT No. 110259-5 PAGE 7 / 7

WB IMECO IZZER 33mm

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EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

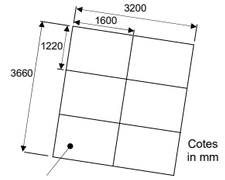
TEST DATE: 30/01/2024

RESULT No.: 110259-4

TEST SPECIMEN:

Configuration of panels *ISINAC WB IMECO 33mm* with a separation of 400 mm from a surface

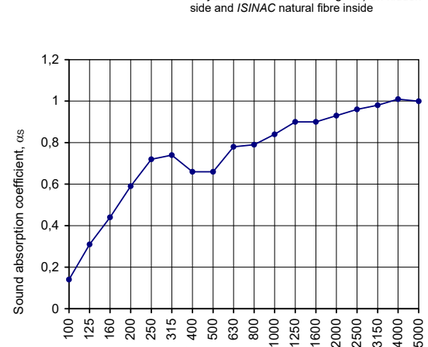


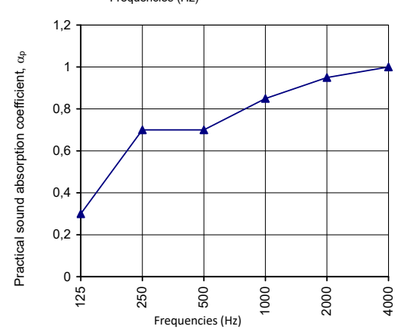


33 mm thick panel composed of perimeter frame, with *IZZER* fabric (100% Wool & 460 gr/m²) on face-side, *ILUCS* fabric (100% Polyester Trevira CS & 265 gr/m²) on hidden-side and *ISINAC* natural fibre inside

Area of test specimen: 11,71 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,14	0,30
125	0,31	
160	0,44	
200	0,59	0,70
250	0,72	
315	0,74	
400	0,66	0,70
500	0,66	
630	0,78	
800	0,79	0,85
1000	0,84	
1250	0,90	
1600	0,90	0,95
2000	0,93	
2500	0,96	
3150	0,98	1,00
4000	1,01	
5000	1,00	





Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,80 (H)

ilac-MRA ENAC CNSAYO ISO 17025 Nº4 / LE456

TEST REPORT No. 110259-4 PAGE 7 / 7

TENS - TEX ILUCS 15mm

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EUSKO JAURLARITZA GOBIERNO VASCO

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Sound absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

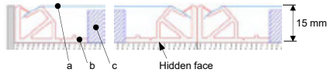
TEST DATE: 8th February 2023

RESULT No.: B2023-195-M957

TEST SPECIMEN: ***ISINAC TENSTEX ILUCS***

Tensioned ILUCS fabric fixed to PVC perimeter profile, with open cell foam covering the inner surface up to the edge of profile.

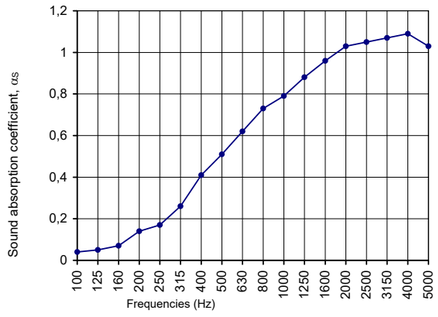




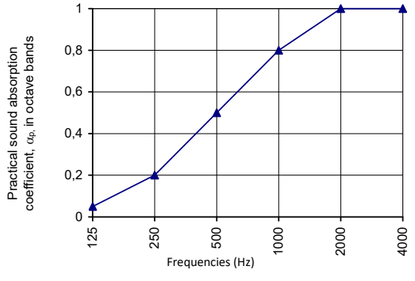
a. **ILUCS FABRIC**, 100% Polyester Trevira CS 265 gr/m²
b. **PVC profile**
c. **open cell foam**, 14 mm & 9 kg/m³, with adhesive on the hidden face

Area, S, test: 11,16 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,04	
125	0,05	0,05
160	0,07	
200	0,14	
250	0,17	0,20
315	0,26	
400	0,41	
500	0,51	0,50
630	0,62	
800	0,73	
1000	0,79	0,80
1250	0,88	
1600	0,96	
2000	1,03	1,00
2500	1,05	
3150	1,07	
4000	1,09	1,00
5000	1,03	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,50 (MH)



Evaluation based on laboratory measurement obtained by an engineering method

TENS - TEX IZZER 15mm

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EUSKO JAURLARITZA GOBIERNO VASCO

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Sound absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

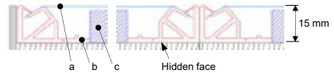
TEST DATE: 8th February 2023

RESULT No.: B2023-195-M955

TEST SPECIMEN: ***ISINAC TENSTEX IZZER***

Tensioned IZZER fabric fixed to PVC perimeter profile, with open cell foam covering the inner surface up to the edge of profile.

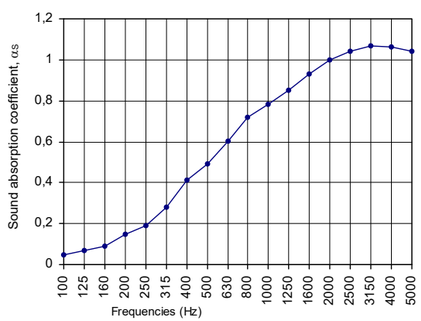




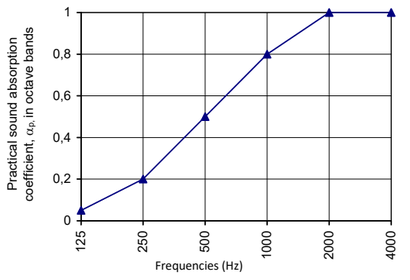
a. **IZZER FABRIC**, 100% WOOL 460 gr/m²
b. **PVC profile**
c. **open cell foam**, 14 mm thick & 9 kg/m³, with adhesive on the hidden face

Area, S, test: 11,16 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,05	
125	0,07	0,05
160	0,09	
200	0,15	
250	0,19	0,20
315	0,28	
400	0,41	
500	0,49	0,50
630	0,60	
800	0,72	
1000	0,78	0,80
1250	0,85	
1600	0,93	
2000	1,00	1,00
2500	1,04	
3150	1,07	
4000	1,06	1,00
5000	1,04	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,50 (MH)



Evaluation based on laboratory measurement obtained by an engineering method

TENS - TEX IZZER 15mm NO FOAM / SIN ESPUMA

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EUSKO JAURLARITZA GOBIERNO VASCO

Departamento de Planificación Territorial, Vivienda y Transportes
Dirección de Vivienda, Suelo y Arquitectura
Laboratorio de Control de la calidad en la Edificación
Área acústica

ilac-MRA ENAC ENSAYOS Nº 4/LE456

Sound absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**
TEST DATE: 8th February 2023
RESULT No.: B2023-195-M956
TEST SPECIMEN: ***ISINAC TENSTEX IZZER OUT OF FOAM***
Tensioned IZZER fabric fixed to PVC perimeter profile.



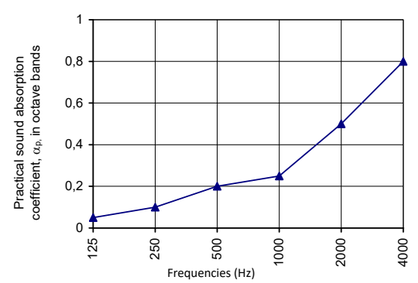


a. **IZZER FABRIC:** 100% WOOL 460 gr/m²
b. **PVC profile**

Area, S, test: 11,16 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,04	
125	0,04	0,05
160	0,05	
200	0,08	
250	0,08	0,10
315	0,11	
400	0,17	
500	0,22	0,20
630	0,23	
800	0,24	
1000	0,26	0,25
1250	0,31	
1600	0,38	
2000	0,47	0,50
2500	0,59	
3150	0,71	
4000	0,82	0,80
5000	0,87	

Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,25 (H)





Evaluation based on laboratory measurement obtained by an engineering method

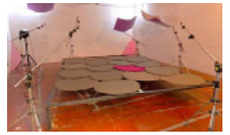
NENUFAR ILUCS 7mm

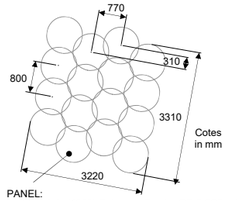
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EUSKO JAURLARITZA GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**
TEST DATE: 09/05/2024
RESULT No.: 110259-8
TEST SPECIMEN:
Configuration of panels *ISINAC ILUCS+PX* with a separation of 400 mm from a surface

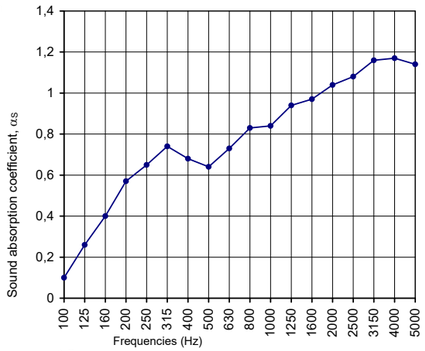




PANEL:
ILUCS fabric (100% Polyester Trevira CS & 265 gr/m²) on face and hidden side, with PX (non-woven fabric 100% carbon fiber, 5 mm thick and 500 gr/m²) inside

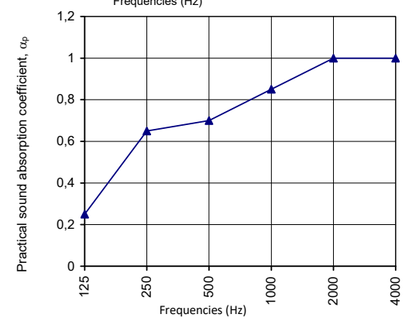
Area, S, test: 10,66 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,10	
125	0,26	0,25
160	0,40	
200	0,57	
250	0,65	0,65
315	0,74	
400	0,68	
500	0,64	0,70
630	0,73	
800	0,83	
1000	0,84	0,85
1250	0,94	
1600	0,97	
2000	1,04	1,00
2500	1,08	
3150	1,16	
4000	1,17	1,00
5000	1,14	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 0,80 (H)

ilac-MRA ENAC ENSAYO ISO 17025 Nº4/LE456



WH 40mm

ISTITUTO GIORDANO S.p.A.
Centro polifecnico di ricerche

Laboratorio di Acustica e Vibrazioni
Rif. PP016

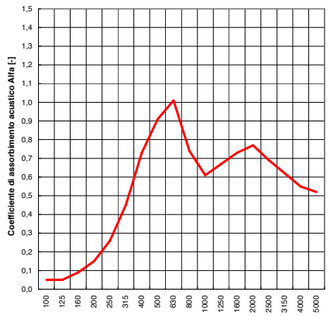
Misura assorbimento acustico in camera riverberante

Foglio di calcolo ver. 3.0 (01/03/2010)

Norma tecnica:	**UNI EN ISO 354**				
Committente:					
Descrizione del campione:	ISINAC WH 40mm				
Numero commessa:	53337	**del**	28/06/2011		
Data di arrivo del materiale:	29/06/2011	**Numero di accettazione del materiale:**	2011/1496-B		
Data misura camera vuota:	06/07/2011	**Data misura camera con campione:**	06/07/2011		
Pressione atmosferica camera vuota:	101000	**Pressione atmosferica camera con campione**	101000	Pa	
Temperatura camera vuota:	26,2	**Temperatura camera con campione:**	26,2	°C	
Umidità relativa camera vuota:	67,5	**Umidità relativa camera con campione**	67,2	%	
Velocità suono camera vuota:	346,7	**Velocità del suono camera con campione :**	346,7	m/s	

Frequenza	**T1**	**T2**	**4V(m2-m1)**	**A**	**Alfa**	**v eff**	**K**	**p =95%**
[Hz]	**[sec]**	**[sec]**	**[m^2]**	**[m^2]**				**Uc(α)**
100	6,24	5,75	0,0	0,5	0,05	19	2,00	0,03
125	7,06	6,42	0,0	0,5	0,05	21	2,00	0,02
160	7,18	6,11	0,0	0,9	0,09	18	2,00	0,04
200	8,18	5,96	0,0	1,6	0,15	22	2,00	0,02
250	8,53	5,14	0,0	2,7	0,26	13	2,00	0,02
315	8,25	3,91	0,0	4,7	0,45	23	2,00	0,02
400	7,98	2,89	0,0	7,7	0,73	13	2,00	0,04
500	6,53	2,33	0,0	9,6	0,91	15	2,00	0,04
630	5,69	2,09	0,0	10,6	1,01	17	2,00	0,03
800	5,23	2,41	0,0	7,8	0,74	27	2,00	0,02
1000	4,82	2,56	0,0	6,4	0,61	17	2,00	0,03
1250	4,59	2,38	0,0	7,1	0,67	14	2,00	0,07
1600	3,99	2,12	0,0	7,7	0,73	14	2,00	0,03
2000	3,75	2,01	0,0	8,1	0,77	14	2,00	0,04
2500	3,49	2,02	0,0	7,3	0,69	23	2,00	0,02
3150	3,25	2,02	0,0	6,5	0,62	13	2,00	0,03
4000	2,99	2,00	0,0	5,8	0,55	18	2,00	0,02
5000	2,64	1,86	0,0	5,5	0,52	18	2,00	0,02

Volume della camera:	218,8 m³
Lunghezza del campione:	3,502 m
Larghezza del campione:	3,007 m
Superficie del campione:	10,53 m²



Frequenza	**Alfa**	**Alfa**	**Tipo**	**Tipo**
Hz	**1/1 ottava**	**rif.**	**Scarto**	**Scarto±0,25**
125	0,05	-	-	-
250	0,30	0,40	0,10	-
500	0,90	0,60	-0,30	M
1000	0,65	0,60	-0,05	-
2000	0,75	0,60	-0,15	-
4000	0,55	0,50	-0,05	-

Alfa$_w$ =	**0,60**

Incertezza	**0,02**

Classe:	**Alfa w**
A	**0.90-1**
B	**0.80-0.85**
C	**0.60-0.75**
D	**0.30-0.55**
E	**0.25-0.15**
N.C.	**0.10-0.00**

DATA E FIRMA R.T.

ELYPSIUM ILUCS RANDOM PLACEMENT

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laboratorio
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.

Test date: 06/11/2019

Test specimen: ISINAC ELIPTIC Bass Trap (randomly distributed)

Result Nº: B2019-83-M658

Reverberation room volume: 209,6 m³

Number of used samples: 3 (1230 mm high x 610 mm x 305 mm)

Arrangement: samples randomly distributed

t_1: 19,6 ºC
HR_1: 59 %
P_1: 954 mbar

t_2: 19,8 ºC
HR_2: 58 %
P_2: 951 mbar

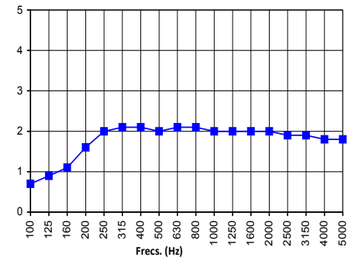
1. Empty room
2. Room with test specimen



f (Hz)	A_{obj} (m²) 1/3 octave band	A_{obj} (m²) Octave band
100	**0.7**	
125	**0.9**	**0.9**
160	**1.1**	
200	**1.6**	
250	**2.0**	**1.9**
315	**2.1**	
400	**2.1**	
500	**2.0**	**2.1**
630	**2.1**	
800	**2.1**	
1000	**2.0**	**2.0**
1250	**2.0**	
1600	**2.0**	
2000	**2.0**	**2.0**
2500	**1.9**	
3150	**1.9**	
4000	**1.8**	**1.8**
5000	**1.8**	

Evaluation based on laboratory measurement obtained by an engineering method.

Object´s equivalent sound absorption area, A_{obj} (m^2)



ilac-MRA ENAC ENSAYOS Nº 4/LE456

Additional information: Absorption coefficients calculated for the surface of the object:

f (Hz)	125	250	500	1000	2000	4000
α_{obj}	0.4	0.8	0.9	0.8	0.8	0.7

ELYPSIUM ILUCS CORNER / ESQUINA

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
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Sound absorption according to EN ISO 354:2003
Laboratory measurements

Applicant: ISINAC ACOUSTIC WORLD, S.L.
Test date: 08/11/2019

Test specimen: ISINAC ELIPTIC Bass Trap (distributed in the corners)
Result Nº: B2019-83-M659

Reverberation room volume: 209,6 m^3

Number of used samples: 3 (1230 mm high x 610 mm x 305 mm)

Arrangement: samples in the corners of the reverberation room





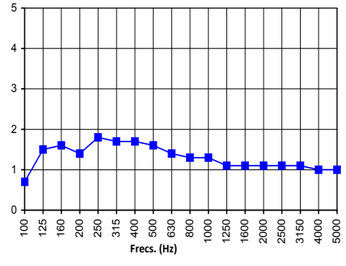
t_1: 19,8 ºC
HR_1: 58 %
P_1: 950 mbar

t_2: 19,7 ºC
HR_2: 55 %
P_2: 950 mbar

1. Empty room
2. Room with test specimen

f (Hz)	A_{obj} (m^2) 1/3 octave band	A_{obj} (m^2) Octave band
100	0.7	
125	1.5	1.3
160	1.6	
200	1.4	
250	1.8	1.6
315	1.7	
400	1.7	
500	1.6	1.6
630	1.4	
800	1.3	
1000	1.3	1.2
1250	1.1	
1600	1.1	
2000	1.1	1.1
2500	1.1	
3150	1.1	
4000	1.0	1.0
5000	1.0	

Object´s equivalent sound absorption area, A_{obj} (m^2)



Evaluation based on laboratory measurement obtained by an engineering method

ilac-MRA ENAC ENSAYO Nº 4/LE456

Additional information: Absorption coefficients calculated for the surface of the object:

f (Hz)	125	250	500	1000	2000	4000
α_{obj}	0.5	0.7	0.7	0.5	0.5	0.4

INDEX

PX500

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Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTIC Agestionada por:
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Absorción Acústica según UNE-EN ISO 354:2004
Medidas en Laboratorio

Solicitante: ISINAC ACOUSTIC WORLD, S.L.
Nº Resultado: B2018-19-M530
Fecha Ensayo: 28/06/2018
Muestra: PX500
Configuración: Montaje tipo A según Anexo B de UNE-EN ISO 354:2004.



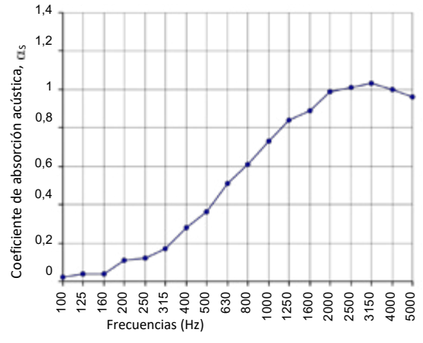
Área, S, ensayo: 11,84 m2 Volumen sala reverberante: 209,6 m3

t1 : 21,4 ºC
HR_1: 65 %
P1: 957 mbar
t2 : 21,5 ºC
HR2 : 62 %
P2: 955 mbar



1. Sala Vacía.
2. Muestra en la Sala.

f (Hz)	T1	T2	α_s	α_p
100	9,25	8,76	0,02	
125	8,37	7,48	0,04	0,05
160	8,97	7,86	0,04	
200	9,76	7,08	0,11	
250	9,63	6,82	0,12	0,15
315	8,94	5,85	0,17	
400	8,90	4,76	0,28	
500	9,04	4,19	0,36	0,40
630	8,76	3,41	0,51	
800	8,30	2,98	0,61	
1000	7,82	2,60	0,73	0,75
1250	7,02	2,28	0,84	
1600	6,35	2,13	0,89	
2000	5,56	1,90	0,99	0,95
2500	4,76	1,77	1,01	
3150	3,92	1,62	1,03	
4000	3,17	1,49	1,00	1,00
5000	2,44	1,33	0,96	



Evaluación según UNE-EN ISO 11654:1998

Coeficiente de absorción sonora ponderado: α_w = 0,40 (MH)
Clasificación: D

Evaluación basada en medidas de laboratorio mediante método de ingeniería.

ilac-MRA ENAC ENSAYO Nº 4/LE 456

HYBRID

AKUSTIKA ARLOA/AREA DE ACUSTICA
Eraikuntzaren Kalitate Kontrolerako Laborategia
Laboratorio de Control de Calidad de la Edificación

EUSKO JAURLARITZA
GOBIERNO VASCO

AKUSTIKA ARLOA kudeatzailea:
ÁREA DE ACÚSTICA gestionada por:
tecnalia

Sound absorption according to EN ISO 354:2003
Laboratory measurements



Applicant: ISINAC ACOUSTIC WORLD, S.L.

Result Nº: B2019-83-M657

Test date: 30th October 2019

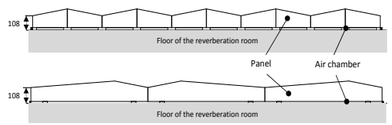
Test specimen: Configuration of ISINAC HYBRID panels.

Test arrangement: Type A mounting according to EN SO 354:2003.

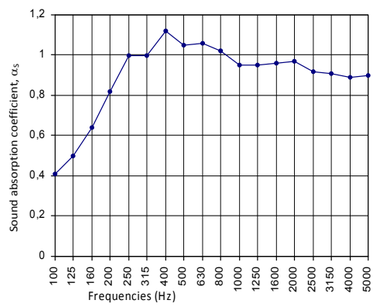
Area, S, test: 11,8 m²
Reverberation room volume: 209,6 m³

t_1 : 19,8 ºC
HR_1 : 60,0 %
P_1: 957 mbar
t_2 : 20,0 ºC
HR_2 : 62 %
P_2: 959 mbar

1. Empty room
2. Room with test specimen



f (Hz)	T_1	T_2	α_s	α_p
100	10.27	4.15	**0.41**	
125	8.56	3.42	**0.50**	**0.50**
160	8.39	2.92	**0.64**	
200	8.99	2.51	**0.82**	
250	8.95	2.17	**1.00**	**0.95**
315	8.08	2.12	**1.00**	
400	8.21	1.95	**1.12**	
500	8.38	2.05	**1.05**	**1.00**
630	8.03	2.01	**1.06**	
800	7.22	2.02	**1.02**	
1000	6.80	2.09	**0.95**	**0.95**
1250	6.30	2.04	**0.95**	
1600	5.73	1.96	**0.96**	
2000	5.09	1.87	**0.97**	**0.95**
2500	4.32	1.81	**0.92**	
3150	3.57	1.68	**0.91**	
4000	2.87	1.53	**0.89**	**0.90**
5000	2.19	1.31	**0.90**	



Evaluation according to EN ISO 11654:1997	
Weighted sound absorption coefficient:	Classification:
α_w = 1	**A**

Evaluation based on laboratory measurement obtained by an engineering method.

ilac-MRA ENAC ENSAYOS Nº 4 / LE 456

WB HP ILUCS 140mm

tecnalia
MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

EUSKO JAURLARITZA
GOBIERNO VASCO

Sound Absorption according to EN ISO 354:2003
Laboratory measurements

CLIENT: **ISINAC ACOUSTIC WORLD, S.L.**

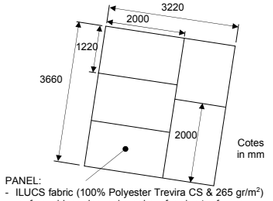
TEST DATE: 25/04/2024

RESULT No.: 110259-7

TEST SPECIMEN:

Configuration of panels *ISINAC WB HIGH PERFORMANCE* with a separation of 400 mm from a surface

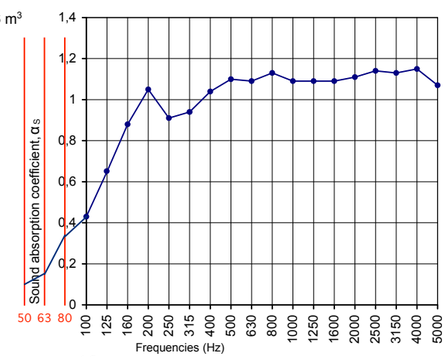




PANEL:
- ILUCS fabric (100% Polyester Trevira CS & 265 gr/m²) on face-side and covering edge of perimeter frame
- Perimeter fireproof MDF open cell resin foam (9 kg/m³), 33 and 60 mm
- 3 mm fireproof MDF on hidden side

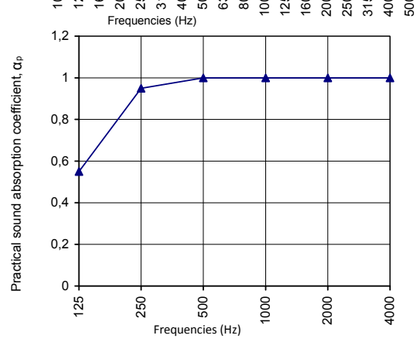
Area, S, test: 11,79 m²
Reverberation room volume: 209,6 m³

f (Hz)	α_s	α_p
100	0,43	
125	0,65	0,65
160	0,88	
200	1,05	
250	0,91	0,95
315	0,94	
400	1,04	
500	1,10	1,00
630	1,09	
800	1,13	
1000	1,09	1,00
1250	1,09	
1600	1,09	
2000	1,11	1,00
2500	1,14	
3150	1,13	
4000	1,15	1,00
5000	1,07	



Weighted sound absorption coefficient according to EN ISO 11654:1997
α_w = 1,00

ilac-MRA ENAC ENSAYO ISO 17025 Nº4 / LE456



FIRE - FOAM / ESP.MINERAL 40mm

tecnalia MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE — MEMBER OF egolf — ilac-MRA ENAC ENSAYOS Nº 4/LE024

RESULTS OBTAINED

RESULTS OF THE EN 13823 TEST

TEST SPECIMEN	THR_{600} (MJ)	$FIGRA_{0,2\ MJ}$ (W/s)	$FIGRA_{0,4\ MJ}$ (W/s)	$TSP_{600\ S}$ (m^2)	SMOGRA (m^2/s^2)	LFS	DROP $T \leq 10$ s	DROP $t > 10$ s
1	1.11	124.31	0.00	46.50	63.15	< edge	No	No
2	1.74	201.67	86.36	36.21	68.24	< edge	No	No
3	1.03	97.44	30.63	29.66	65.10	< edge	No	No
Mean	**1.29**	**141.44**	**39.00**	**37.46**	**65.50**	**< edge**	**No**	**No**

OBSERVATIONS:

Darkening and vertical propagation was observed in the test specimens during the first minute. The material is consumed.
In the second minute, a gap opens up in the corner of the three test specimens.

In addition, the following data was registered:
Maximum carbonised distance at a height of 500 mm and 1000 mm from the lower edge:

Test specimen 1 (mm): —
Test specimen 2 (mm): —
Test specimen 3 (mm): —

NOTE: "The test results correspond to the performance of test samples of a product, under the specific test conditions. They do not intend to constitute the only potential fire risk assessment criterion that could result in the use of the product".

The Annexes include the graphs corresponding to the heat release and smoke production rates.

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4. CLASSIFICATION

In accordance with standard EN 13501-1:2018, the open-cell r foam samples with self-adhesive on the non-exposed side with reference **«ISINAC de 4cm de espesor con autoadhesivo sin revestimiento textil»** received on 15 April 2019 were granted the following reaction to fire classification:

Reaction to Fire Classification: C-*s2,d0*

This classification is valid when the open-cell rr foam with self-adhesive on the non-exposed side referenced as **«ISINAC de 4cm de espesor con autoadhesivo sin revestimiento textil»** is used as a construction product, except as a floor covering.

Reaction to Fire Classification in 20mm: C-S1-D0

Reaction to Fire Classification in 60mm: C-S2-D0

MFPX

MEMBER OF

RESULTS OBTAINED

RESULTS OF THE EN 13823 TEST

TEST SPECIMEN	THR_{600} (MJ)	$FIGRA_{0,2\,MJ}$ (W/s)	$FIGRA_{0,4\,MJ}$ (W/s)	$TSP_{600\,S}$ (m^2)	SMOGRA (m^2/s^2)	LFS	DROP TS10 s	DROP t> 10 s
1	2.89	52.55	45.32	136.74	55.15	< edge	No	No
2	3.42	61.14	61.14	170.39	45.47	< edge	No	No
3	2.81	63.89	39.95	159.28	47.47	< edge	No	No
Mean	**3.04**	**59.19**	**48.80**	**155.47**	**49.36**	**< edge**	**No**	**No**

OBSERVATIONS:

Vertical propagation was observed in the test specimens during the first minute.
In the second minute and in all three test specimens, the material is consumed at the junction of the samples and gaps appear.

In addition, the following data was registered:
Maximum carbonised distance at a height of 500 mm and 1000 mm from the lower edge:

Test specimen 1 (mm): —
Test specimen 2 (mm): —
Test specimen 3 (mm): —

NOTE: "The test results correspond to the performance of test samples of a product, under the specific test conditions. They do not intend to constitute the only potential fire risk assessment criterion that could result in the use of the product".

The Annexes include the graphs corresponding to the heat release and smoke production rates.

MEMBER OF

4. CLASIFICACIÓN

De acuerdo con la norma EN 13501-1:2018, las muestras referenciadas como **« ISINAC de 4cm de espesor con autoadhesivo revestido en notejido negro A0»** de muestras de espuma d de celda abierta " revestido de tejido negro y con adhesivo en la cara no vista recibidas el dia 15 de abril de 2019 reciben la siguiente clasificación de Reacción al Fuego:

Clasificación de Reacción al Fuego: B-*s2, d0*

Esta clasificación es válida cuando el producto de referencia **« ISINAC de 4cm de espesor con autoadhesivo revestido en notejido negro A0»** de muestras de espuma d de celda abierta revestido de tejido negro y con adhesivo en la cara no vista, se emplea como producto de la construcción excepto como revestimiento de suelo.

TREVIRA CS TRADEMARK - ILUCS

Indorama Ventures Fibers Germany GmbH
Trademark Service
Max-Fischer-Str. 11
86399 Bobingen, Germany
trademarkservice.IVFG@de.indorama.net
Tel. +49 8234 9688 1673
www.indoramaventures.com

Approval of the Trademark Trevira CS®

ISINAC ACOUSTIC WORLD SLU
Avenida de Ramón Nieto, 125
36205 Vigo (Pontevedra)
Spain

Application No.:	**260340.1 / 260341 / 260342**
Date of issue:	29.05.2026
Valid until:	29.05.2031
Article name:	ILUCS
Color:	various
End use:	Drapes Curtains Wall coverings Transport sector
Square weight (g/m²):	265
According to customer specification	
Composition of the raw materials:	100% Polyester
Composition of the fabric:	100% Trevira CS

The collection "ILUCS" is granted approval for the trademark Trevira CS® for interior use.

The approval of the collection is based on the trademark test results of application no.:
260340 col. medan (light blue) / 260341 col. negril (red) / 260342 col. havana (black)

These articles have been tested according to DIN 4102 part 1, 6.2 and thus also meet the requirements for fire class DIN 4102-B1.

This collection has been tested according to the French Standard NF P 92-504 (Propagation de flamme) and thus also meets the requirements for class M1 according to NF P 92-503, 92-505 and 92-507.

Indorama Ventures Fibers Germany GmbH
(This document is valid without signature.)

INDORAMA VENTURES

Indispensable Chemistry

Sitz der Gesellschaft / registered office: Bobingen · Amtsgericht / Local Court: Augsburg HRB 24933
Geschäftsführer / Managing Directors: Andreas Borchert (CEO), Sunil Baldi

FIRE - ILUCS

Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 30 November 2021

Our Ref: 27/05749D/11/21
Your Ref: ---

Client: ISINAC ACOUSTIC WORLD SL

Results

Classification criteria	Specimen 1	Specimen 2	Specimen 3	Mean	Class
$FIGRA_{0.2MJ}$ (W/s)	21.3	28.2	17.4	22.3	B
$FIGRA_{0.4MJ}$ (W/s)	16.5	27.6	12.4	18.8	
THR_{600s} (MJ)	1.4	1.5	1.3	1.4	
LFS to edge (yes or no)	No	No	No	No	
SMOGRA (m^2/s^2)	0	0	0	0	s1
TSP_{600s} (m^2)	29.5	37.6	32.5	33.2	
FDP flaming ≤ 10 s (yes or no)	No	No	No	No	d0
FDP flaming > 10 s (yes or no)	No	No	No	No	

Note

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criteria for assessing the potential fire hazard of the product in use.

Comment

The results meet the requirements of a Class B, s1, d0, as specified in BS EN 13501-1:2018.

An estimation of uncertainty of measurement has been taken into account when making a judgment to any pass/fail criteria. Under our Policy we have used a non-binary decision rule.

See our Decision rules Policy (http://www.bttg.co.uk/decision-rules-policy) for further information.

Reported by:..... A Shute, Senior Lab Technician

Countersigned by:..... P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.

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IMO - ILUCS

aitex
research & innovation center

INFORME DE ENSAYO / *TEST REPORT*

2024AU1433

FECHA DE RECEPCIÓN / ***DATE OF RECEPTION***
Date Format: dd/MM/yyyy 28/10/2024

FECHA DE ENSAYOS / ***DATE TESTS***
Inicio / *Starting*: 05/11/2024
Finalización / *Ending*: 13/11/2024

SOLICITANTE / ***APPLICANT***

ISINAC ACOUSTIC WORLD SL
CALLE LOPEZ DE NEIRA 3, 3º, OFICINA 301,
ES-36203 Vigo (Pontevedra)
España

IDENTIFICACIÓN Y DESCRIPCIÓN DE LAS MUESTRAS/ ***IDENTIFICATION AND DESCRIPTION OF SAMPLES***

Referencia AITEX *Reference by AITEX*	Referencia Cliente *Reference by customer*	Descripción AITEX *AITEX sample description*
2024AU1433-S01	ILUCS	Tejido *Fabric*

ENSAYOS REALIZADOS / ***TESTS CARRIED OUT***

- RESOLUCIÓN IMO MSC.307 (88) – (CODIGO PEF 2010) - ANEXO 1 PARTE 7 (CÓDIGO PEF 2010) + IMO MSC.1 / *CIRC.1456 – ENSAYO DE TEXTILES Y PELICULAS COLOCADOS VERTICALMENTE.*

Los ensayos marcados con * no están amparados por la acreditación de ENAC.
*Tests marked with * are not included within the scope of the ENAC accreditation.*

Asociación de Investigación de la Industria Textil y Cosmética– C.I.F.: G03182870

2024AU1433

Nota
Remark

Los resultados siguientes se refieren al comportamiento de las muestras de un producto en las condiciones concretas en que se someten a ensayo y no se pretende que constituyan el único criterio para evaluar el riesgo de incendio que pueda entrañar el producto al ser utilizado.
The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Características de la combustión
Ignition characteristics

Durante el ensayo observa escasa emisión de humos grises. Al finalizar el mismo, el aspecto de la zona destruida es de perforación por fusión del material.
There is a scarce moderate emission of grey smoke. The appearance of the destroyed area at the end of the test is one of perforation through material fusion.

Conclusiones
Conclussions

El material sometido a ensayo **CUMPLE** los criterios de comportamiento de la sección 3 de la Parte 7 del CÓDIGO PEF 2010 (RESOLUCIÓN IMO MSC.307) 88 (ANEXO 1).
Tested material ***FULFILL*** *the performance criteria in paragraph 3 of FTP CODE 2010 Part 7 (IMO Resolution MSC.307) 88 (Annex 1)*

Criterios
Criteria

Los productos que muestren una de las siguientes características se consideraran NO APTOS para ser utilizados como cortinas, ornamentos colgantes o tejidos que cuelguen libremente en locales que contengan mobiliario y enseres cuyo riesgo de incendio sea reducido.
Products showing one of the following characteristics will considered NOT SUITABLE to be used as curtains, vertically suspended decorative fabrics or drapery in premises containing furniture and furnishings where fire risk is reduced.

1) Persistencia de llama durante más de cinco segundos en cualquiera de las 10 o más muestras sometidas a la aplicación superficial de la llama de ensayo. *Flame persistence for more than five seconds in any one of the 10 or more specimens submitted to the surface application of the flame test.*
2) Combustión, hasta uno cualquiera de los bordes, en una cualquiera de las 10 o más muestras sometidas a la aplicación superficial de la llama de ensayo. *Ignition of the material up to any one of the edges in any of the 10 or more specimens under the surface application of the flame test.*
3) Ignición del algodón en rama (algodón quirúrgico) colocado debajo de la muestra, al someter a ensayo cualquiera de las 10 muestras. *Ignition of cotton fibre (surgical cotton) positioned below the specimen, during the testing of any one of the 10 specimens.*
4) Longitud media de la parte carbonizada superior a 150 mm observada en uno cualquiera de los lotes de cinco muestras sometidas al ensayo de ignición, sea esta superficial o del borde. *Average length of the charred area above 150 mm observed in any of the five batches of samples submitted to the testing of ignition, whether surface or edge.*
5) Llamarada superficial que se propague hasta más de 100 mm medidos desde el punto de ignición, con o sin carbonización de la textura básica. *External flash spreading more than 100 mm measured from the point of ignition, with or without charring of the basic texture.*

///

INDEX

FIRE - IZZER

Wira House, West Park Ring Road, Leeds, LS16 6QL, UK.
Telephone: +44 (0) 113 259 1999
Email: info@bttg.co.uk
: www.bttg.co.uk

Date: 30 November 2021

Our Ref: 27/05749B/11/21
Your Ref: ---

Client: **ISINAC Acoustic World**

Results

Classification criteria	Specimen 1	Specimen 2	Specimen 3	Mean	Class
FIGRA0.2MJ (W/s)	277.6	102.8	226.0	202.1	C
FIGRA0.4MJ (W/s)	145.6	7.6	88.7	80.6	
THR600s (MJ)	1.5	1.2	2.0	1.6	
LFS to edge (yes or no)	No	No	No	No	
SMOGRA (m2/s2)	0	0	0	0	s1
TSP600s (m)	32.7	19.0	29.5	27.1	
FDP flaming ≤ 10 s (yes or no)	No	No	No	No	d0
FDP flaming > 10 s (yes or no)	No	No	No	No	

Note

The test results relate to the behaviour of the test specimen of a product under the particular conditions of the test; they are not intended to be the sole criteria for assessing the potential fire hazard of the product in use.

Comment

The results meet the requirements of a Class C, s1, d0, as specified in BS EN 13501-1:2007+A1:2009.
An estimation of uncertainty of measurement has been taken into account when making a judgment to any pass/fail criteria . Under our Policy we have used a non-binary decision rule.
See our Decision rules Policy (http://www.bttg.co.uk/decision-rules-policy) for further information.

Reported by:..... A Shute, Senior Lab Technician

Countersigned by:..... P Doherty, Manager

Enquiries concerning this report should be addressed to Customer Services.

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1066

FIRE - PX500

aitex
textile research institute
Plaza Emilio Sala 1 – 1º
E-03801 Alcoy (Alicante)

REACCIÓN AL FUEGO

La Sociedad: ISINAC ACOUSTIC WORLD SL
B27853381
Avenida Ramon Nieto 125. Vigo
36205

Está autorizada para colocar la etiqueta "Clasificación de Reacción al Fuego de Productos de Construcción" según el Nº de informe 2021AN0119

aitex
textile research institute

CLASIFICACIÓN DE REACCIÓN AL FUEGO DE:
PRODUCTOS DE CONSTRUCCIÓN

Nº 21AN0119

La muestra referenciada como:

"PX 500"

ha sido objeto de ensayo de acuerdo con las normas EN ISO 11925-2:2020 y EN 13823:2010+A1:2014, quedando clasificada según norma EN 13501-1:2018 como:

"B-s1,d0"

Alcoy, 09 de febrero de 2021.

CELIA DOLÇA CAMAÑEZ - NIF:21696122S
2021.02.09 14:56:52 +01'00'

Celia Dolçà
RESPONSABLE LAB. COMPORTAMIENTO AL FUEGO

FIRE - WH

0865\DC\REA\20_4 27/07/2020

6. Classificazione e campo diretto di applicazione / Classification and direct field of application

6.1. Riferimenti e campo diretto di applicazione / Reference and direct field of application

Questa classificazione è stata condotta conformemente alla clausola 8.2 della EN 13501-1:2007+A1:2009.
This classification has been carried out in accordance with clause 8.2 of EN 13501-1: 2007+A1:2009.

6.2. Classificazione / Classification
Il prodotto STRATOCELL® WHISPER® FR in relazione al suo comportamento alla reazione al fuoco è classificato:
The product STRATOCELL® WHISPER® FR in relation to its fire reaction behaviour is classified:

B

La classificazione aggiuntiva in relazione allo sviluppo di fumo è:
The additional classification in relation to smoke production is:

s2

La classificazione aggiuntiva in relazione alle gocce/particelle accese è:
The additional classification in relation to flaming droplets/particles is:

d0

Il formato per la classificazione di reazione al fuoco per i prodotti da costruzione eccetto i pavimenti è la seguente:
The format of the reaction to fire classification for construction products except flooring is:

Comportamento al fuoco Fire behaviour		Sviluppo di fumo Smoke production			Parti infiammate Flaming droplets	
B	**-**	**s**	**2**	**-**	**d**	**0**

Pag. 6 di/of 7

QQ001 REV.00

VOC - FOAM / ESP.MINERAL

eurofins

Report No. 392-2014-00009701Arev1

SE
G - PM/PM - D219
67056 Ludwigshafen
GERMANY

Eurofins Product Testing A/S
Smedeskovvej 38
8464 Galten
Denmark

voc@eurofins.com
www.eurofins.com/voc-testing

VOC Emission Test report

Date
17 June 2015

1. Sample Information

Sample identification	thickness 500mm
Product type	Insulation
Batch no.	435
Production date	25.10.2013
Date when sample was received	17/01/2014
Testing (start - end)	23/01/2014 - 20/02/2014

2. Resulting VOC Emission Class Label

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see www.eurofins.com/france-voc



The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.

The results are only valid for the tested sample(s).
This report may only be copied or reprinted in its entity, parts of it only with a written acceptance by Eurofins.

VOC - FOAM / ESP.MINERAL B

eurofins

Prüfbericht Nr. 392-2014-00042101Brev1

SE
G - PM/PM - D219
67056 Ludwigshafen
GERMANY

Eurofins Product Testing A/S
Smedeskovvej 38
8464 Galten
Denmark

voc@eurofins.com
www.eurofins.com/voc-testing

Prüfbericht der VOC-Emissionen

Datum
17 Juni 2015

1. Probeinformation

Identifikation der Probe	B, Dicke 500 mm
Produkttyp	Insulation
Charge Nr.	033
Produktionsdatum	15.01.2014
Empfangsdatum der Probe	12.03.2014
Emissionsprüfung (Anfang - Ende)	18.03.2014 - 15.04.2014

2. Klassifizierung nach der französischen VOC-Verordnung

Die Empfehlung für die Klassifizierung wird auf Grund der Französischen Verordnung für die Kennzeichnung von Bauprodukten oder Wandverkleidungen, Bodenbelägen, Farben und Lacken in Bezug auf die Emissionen von flüchtigen Schadstoffen, wie am 25. März 2011 (décret DEVL1101903D) und am 13. Mai 2011 (arrêté DEVL1104875A) veröffentlicht, gegeben. Für detaillierte Information, bitte lesen Sie: www.eurofins.com/france-voc



Das Produkt wurde in eine VOC-Emissionsklasse eingestuft ohne Berücksichtigung der Unsicherheit des Prüfergebnisses. Entsprechend dem französischen Erlass Nr. 2011-321 vom 23. März 2011 liegt die korrekte Angabe der VOC-Emissionsklasse in der alleinigen Verantwortung der juristischen oder natürlichen Person, die das Produkt auf dem französischen Markt in Verkehr bringt

Die Prüfergebnisse gelten nur für die untersuchte(n) Probe(n).
Der Bericht darf nur als Ganzes wiedergegeben werden, Auszüge nur mit schriftlicher Zustimmung des Prüflabors.

LIGHT - ILUCS & IZZER

2021AN2732

RESULTADOS / *RESULTS*

SOLIDEZ DEL COLOR A LA INTEMPERIE ARTIFICIAL: LAMPARA DE ARCO DE XENON
COLOUR FASTNESS TO ARTIFICIAL WEATHERING: XENON ARC FADING LAMP TEST

Norma
Standard
EN ISO 105-B04:1998.
EN ISO 105-B04:1998.

Aparato
Apparatus
CI 3000

Condiciones de exposición
Exposure conditions
Normales
Normal

Condiciones de evaluación
Evaluation conditions
Cámara de luces Gretagmacbeth (02021N06)
Light camera Gretagmacbeth (02021N06)

Referencia *Reference*	**Índice de solidez** *Light fastness*
TEJIDO ILUCS	3
TEJIDO IZZER	2-3

NOTA
REMARK
El índice de solidez a la luz indicado corresponde a:
- Variación de intensidad: Más claro
- Variación de tonalidad: No se observa
- Variación de brillo: No se observa

The fastness grade indicated comes up to:
- Depth change: More clear
- Hue change: No notes
- Brightness change: No notes

>>>

100% EUROPEAN ORIGIN

EN

ISINAC exclusively uses raw materials and components of European origin in its production process, driven by a firm commitment to product quality and compliance with environmental regulations.

Through the fusion between the latest technology and careful artisanal craftmanship, each piece is thoughtfully crafted to meet real needs, avoiding overproduction and unnecessary accumulation.

Our philosophy is based on effectiveness, durability, and sustainability.

ES

ISINAC emplea exclusivamente materias primas y elementos de origen europeo en su proceso productivo. Lo hace con el firme convencimiento de la calidad de su producto y siguiendo las normativas en materia de cuidado medioambiental.

Fusionando la tecnología más puntera y el cuidado artesanal, conseguimos que cada pieza se elabore con atención para satisfacer necesidades reales, evitando la sobreproducción y la acumulación innecesaria.

Nuestra filosofía se basa en la eficacia, la durabilidad y la sostenibilidad.

MANIFIESTO

the acoustic comfort®

www.isinac.com

ISO 14001

CERTIFICATE

Bureau Veritas Certification certifies that the Management System of

ISINAC ACOUSTIC WORLD, S.L.U.

AVDA RAMON NIETO, 125 BJ - PUERTA 1 - 36205 - VIGO - PONTEVEDRA - SPAIN

has been audited and found to be in accordance with the requirements of

ISO 14001:2015

Scope of certification:

DESIGN AND MANUFACTURING OF ACOUSTIC ABSORPTION SOLUTIONS FOR ALL TYPES OF PREMISES AND BUILDINGS, TECHNICAL ADVISORY SERVICES IN ARCHITECTURAL AND ACOUSTICAL ENGINEERING.

Certificate number:
ES163483

Original cycle start date:
26-05-2023

Certification/Recertification Audit date:
30-04-2026

Expiry date of previous cycle:
25-05-2026

Effective date:
26-05-2026

Certificate expiration date:
25-05-2029

Version Nº: 1

ENAC
CERTIFICACIÓN ISO 17021 Nº03 / C-MA007

This certificate is valid, subject to the general and specific terms and conditions of certification services

Bureau Veritas Iberia S.L.
Avda. de Europa 1 - Edificio B, Planta Baja - Parque empresarial Avenida de Europa - 28108, Alcobendas - Madrid, España

1/1

ISO 14006

LETTER OF CONFIRMATION

Bureau Veritas Certification hereby confirms that the Ecodesign Management System of

ISINAC ACOUSTIC WORLD, S.L.U

Domicilio social:

has been audited and determined to comply with the guideline standard detailed below:

ISO 14006:2020
(UNE-ISO 14006:2020)

Scope:

DESIGN AND MANUFACTURE OF FABRICS AND PANELS FOR ACOUSTIC ABSORPTION WITH 100% RECYCLED AND RECYCLABLE MATERIAL.

The products to which the Ecodesign Management System applies are detailed in the Annex to this certificate

Letter of confirmation number:
ES163477

Original date:
26-05-2023

Issue date:
26-05-2026

Valid until:
25-05-2029

Version Nº: 1

This Letter of Confirmation is valid, subject to the general and specific terms and conditions of certification services

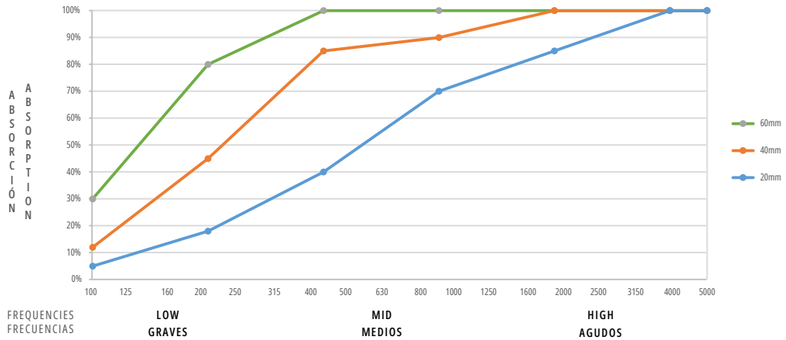
Bureau Veritas Iberia S.L.
Avd. Europa 1-Edificio B, planta baja -Parque empresarial Avenida de Europa- 28108 Alcobendas - Madrid, España

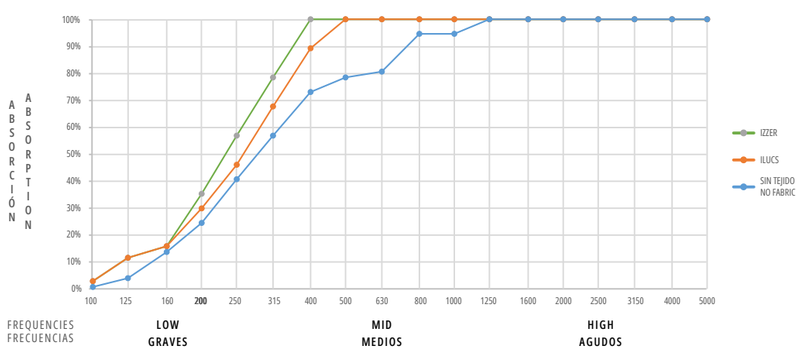
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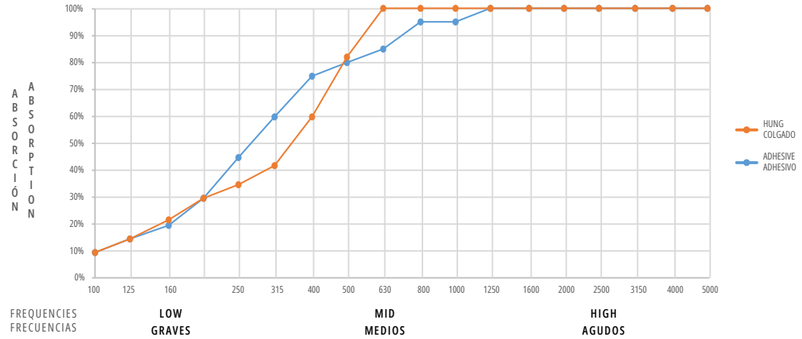
VISUALIZING ACOUSTIC PERFORMANCE

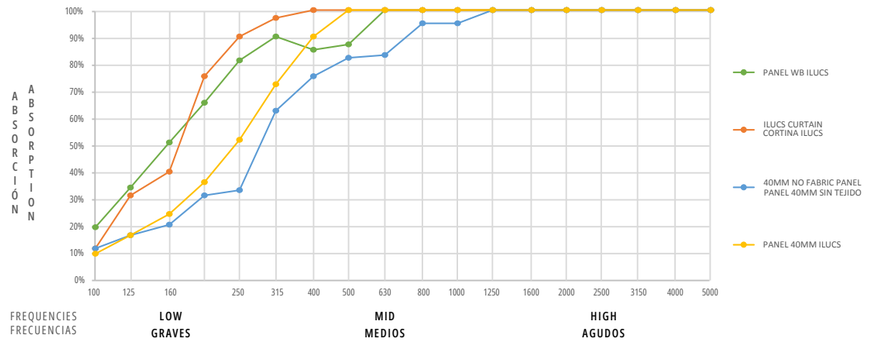
At ISINAC we strive for achieving excellence. That's why we rigorously test the acoustic absorption performance of each of our products across all parameters.
Below, we present a detailed visualization of the performance of different solutions, compared side by side, to highlight their high efficiency across various finishes and configurations.

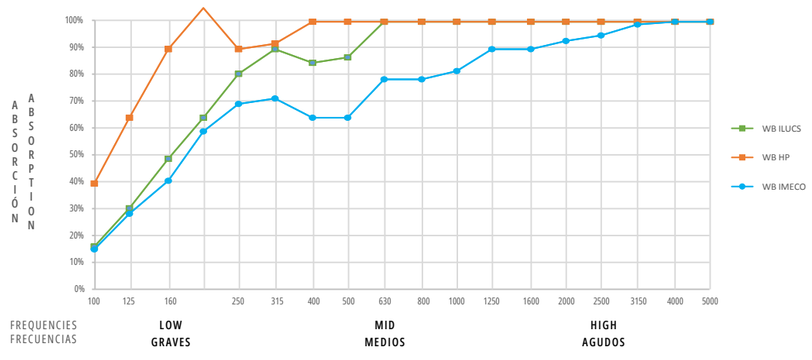
En ISINAC centramos nuestros esfuerzos en alcanzar la excelencia. Por eso, comprobamos cómo se comporta la absorción acústica de cada uno de nuestros productos en todos sus parámetros.
A continuación, mostramos una visualización detallada del desempeño de distintas soluciones comparadas entre sí para comprobar la alta eficiencia que las caracteriza en distintos acabados y presentaciones.











05. PRODUCTS





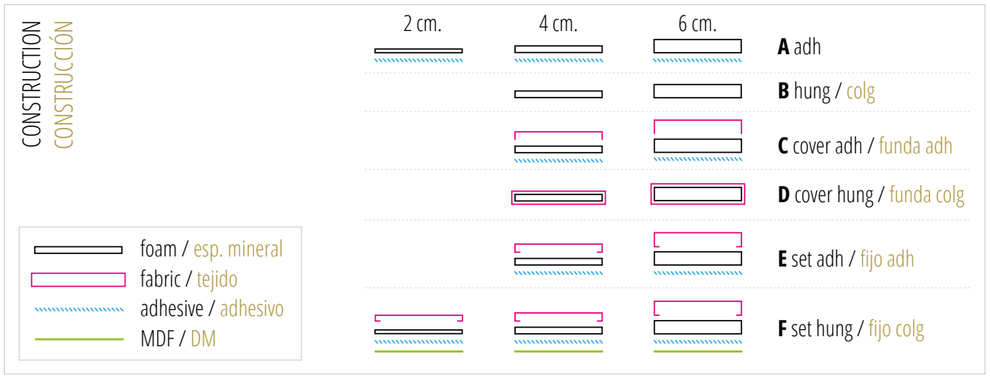




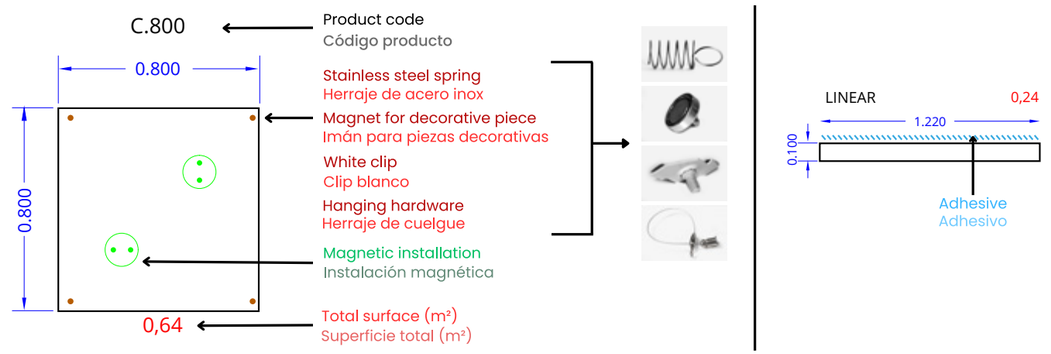




GUIDELINES / INFO ÚTIL



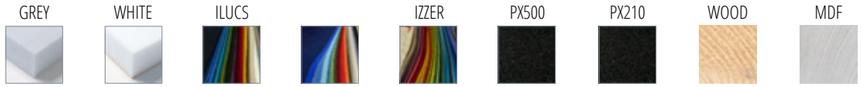
ANCHORAGE POINTS / PUNTOS DE ANCLAJE



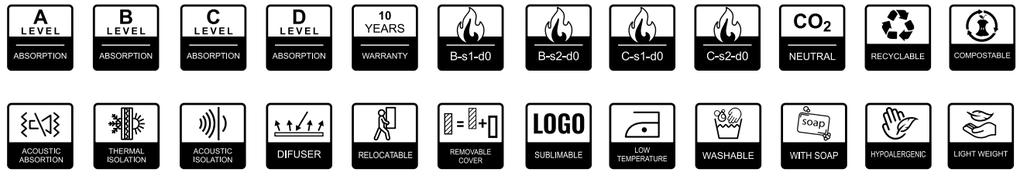
AVAILABLE ACCESSORIES / ACCESORIOS DISPONIBLES



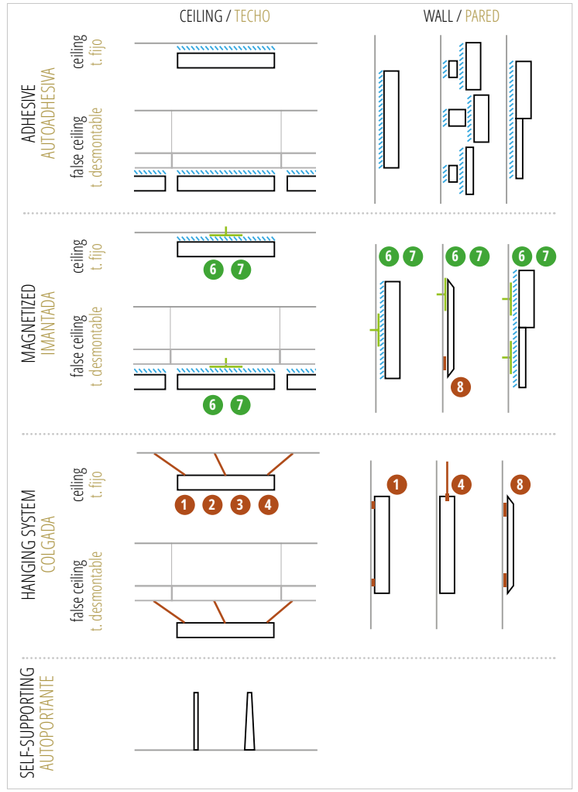
AVAILABLE FINISHES / ACABADOS DISPONIBLES



TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



INSTALLATION TYPE / TIPO DE INSTALACIÓN



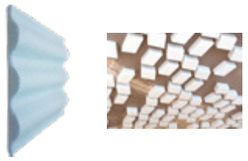
TOOLS AVAILABLE AT ISINAC
HERRAMIENTAS DISPONIBLES EN ISINAC



TOOLS NOT INCLUDED
HERRAMIENTAS NO INCLUIDAS

laser laser	level nivel
drill taladro	tape measure metro
screwdriver destornillador	hammer martillo
ladder escalera	

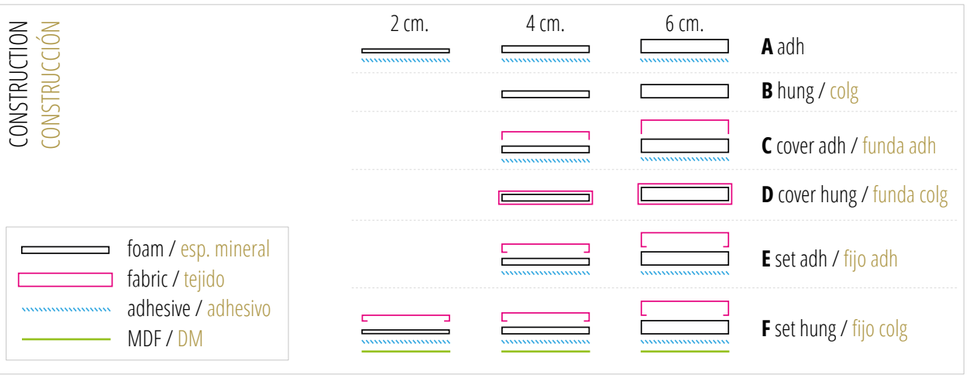
CUSTOMIZATION AVAILABLE IN ALL FORMATS
PODEMOS PERSONALIZAR TODAS LAS PIEZAS



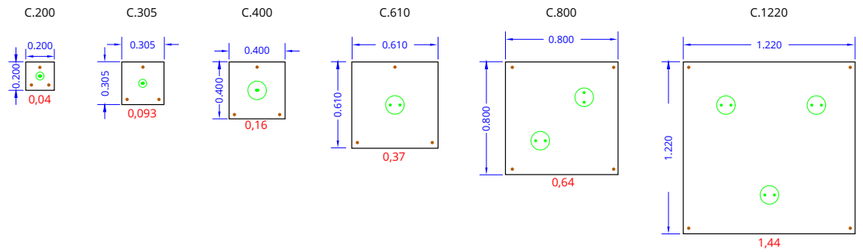
QUALITY SEALS / SELLOS DE CALIDAD

MAESTRO

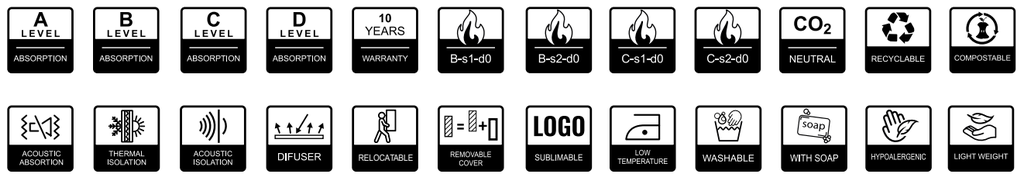
CONSTRUCTION
CONSTRUCCIÓN



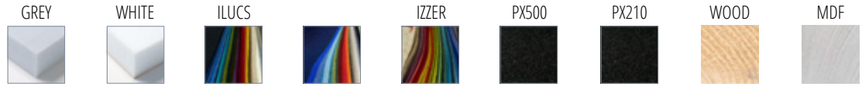
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

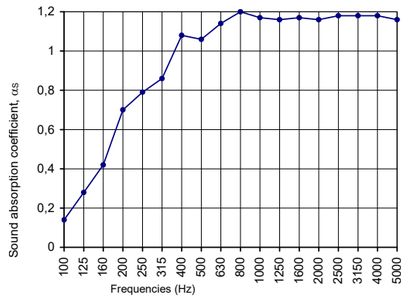


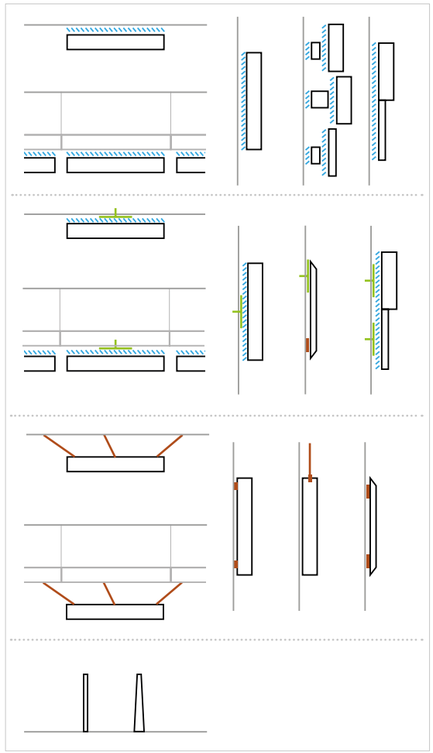
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

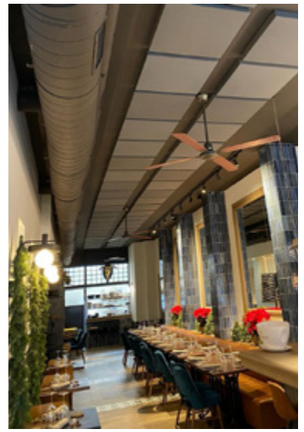








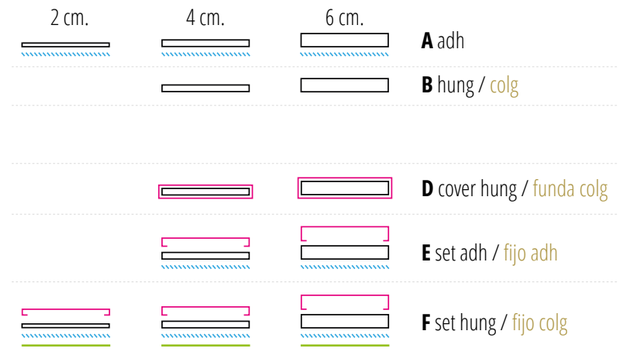




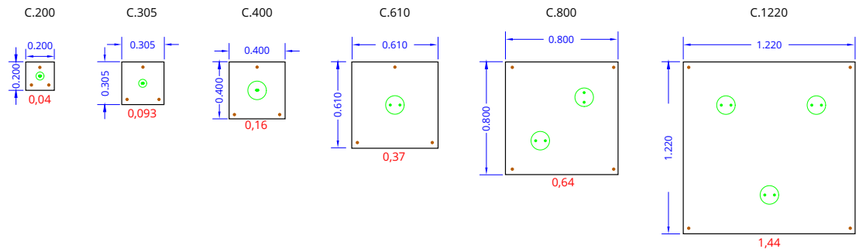


SQUARE / CUADRADO

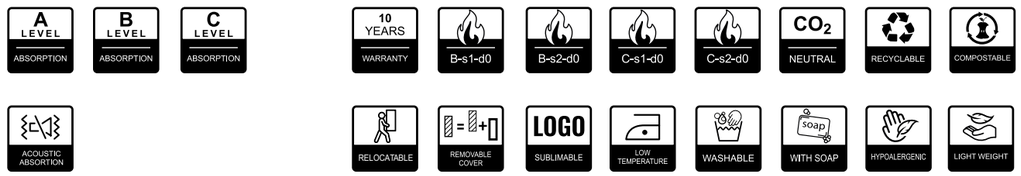
CONSTRUCTION
CONSTRUCCIÓN



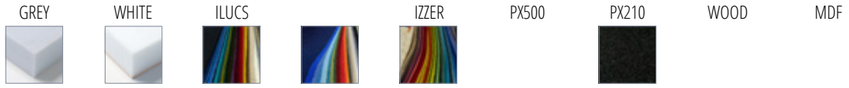
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

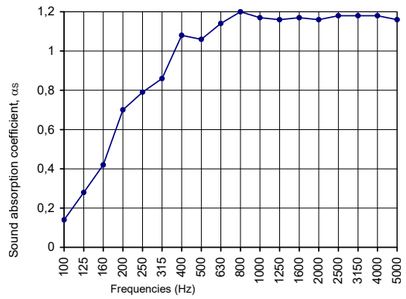


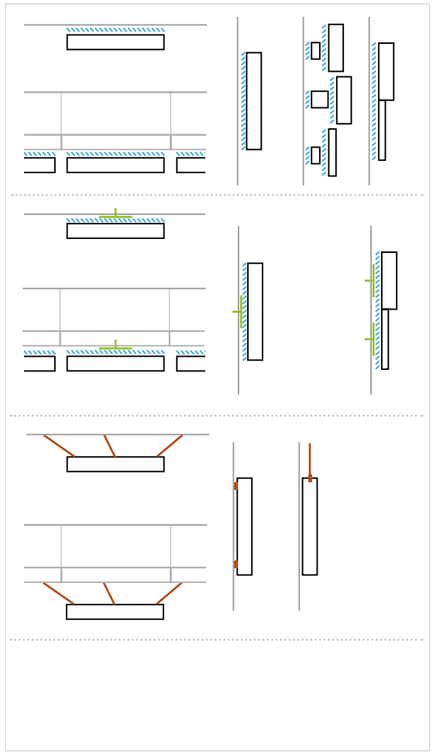
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

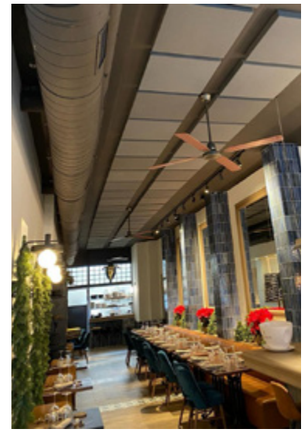








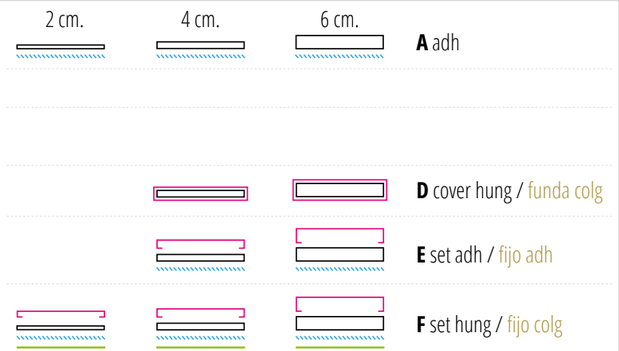




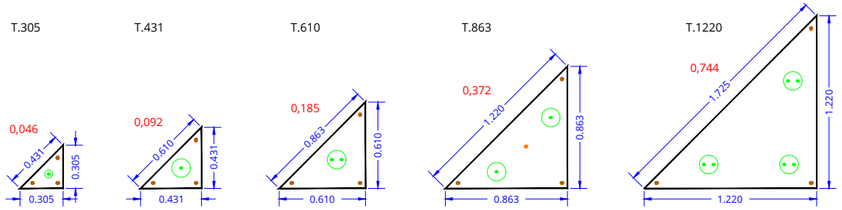


TRIANGLE / TRIÁNGULO

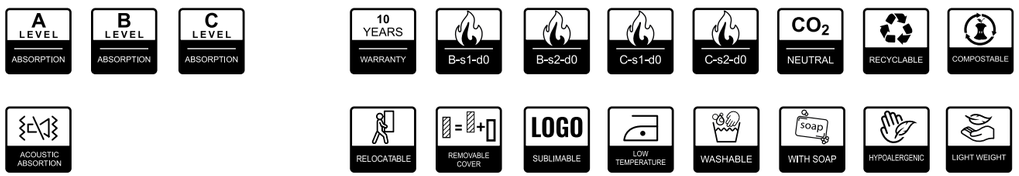
CONSTRUCTION
CONSTRUCCIÓN



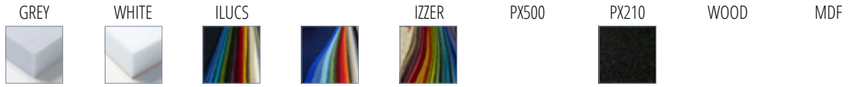
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

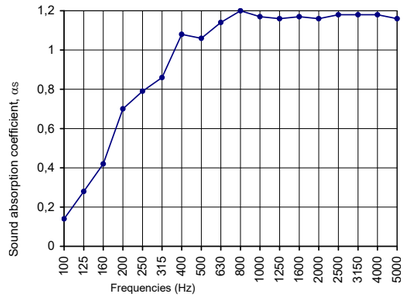


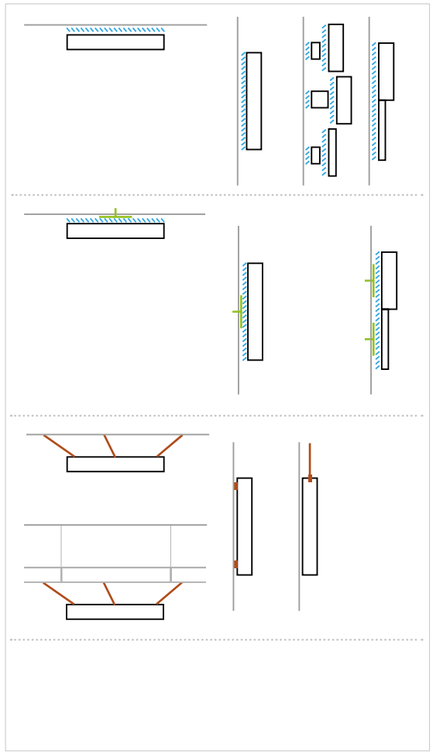
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES



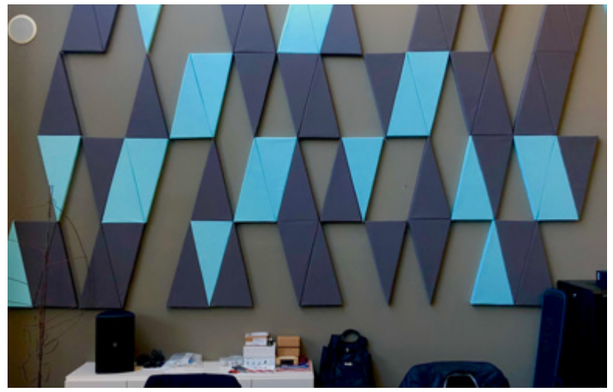






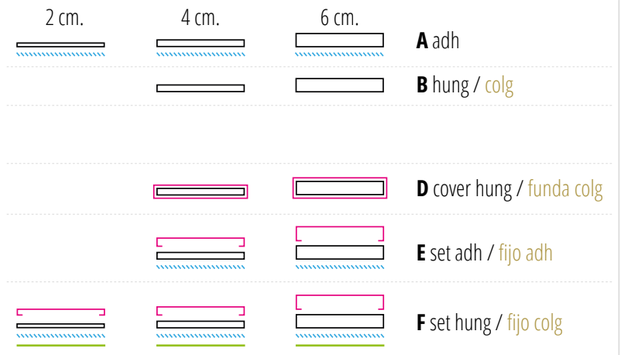




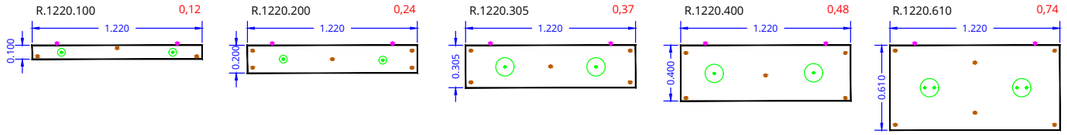


RECTANGLE / RECTÁNGULO

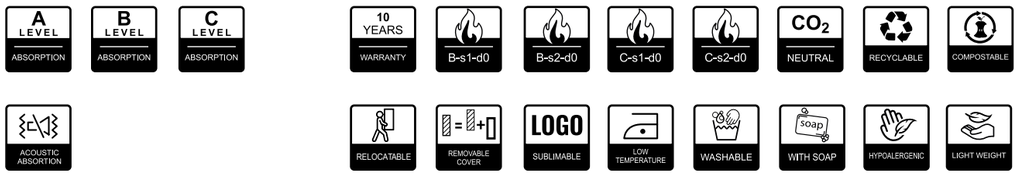
CONSTRUCTION / CONSTRUCCIÓN



STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

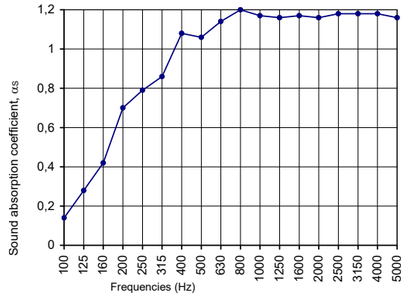


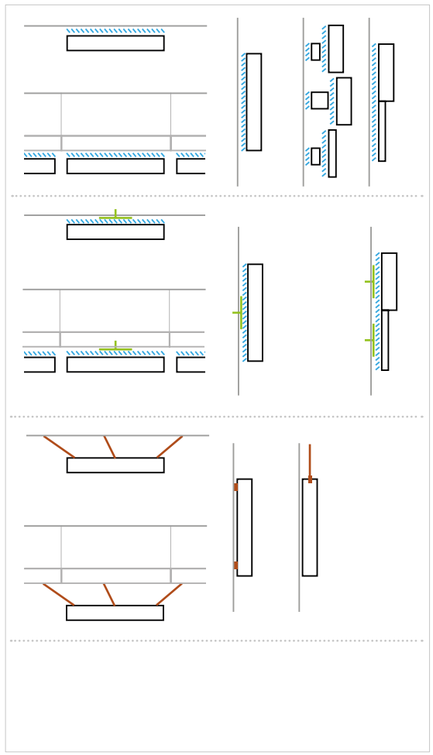
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

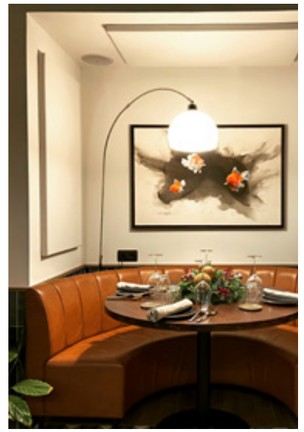








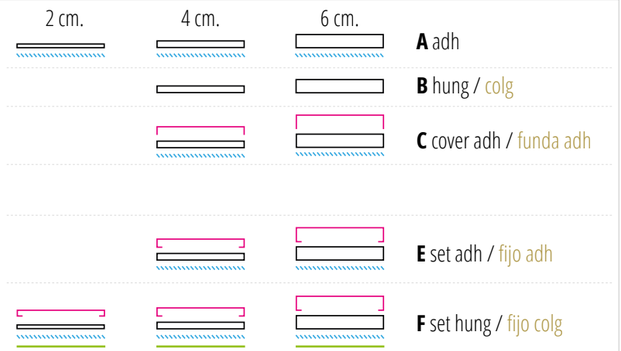




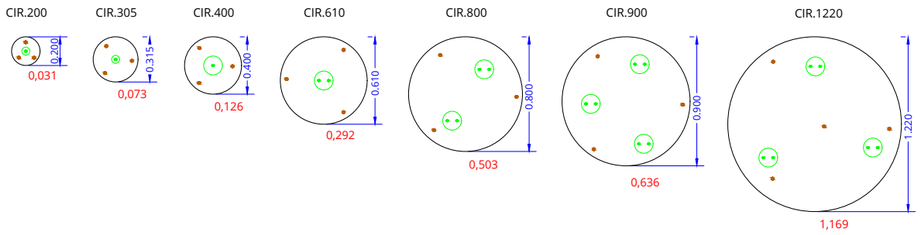


CIRCLE / CÍRCULO

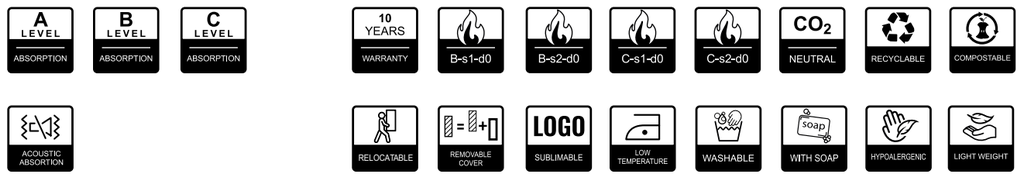
CONSTRUCTION / CONSTRUCCIÓN



STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

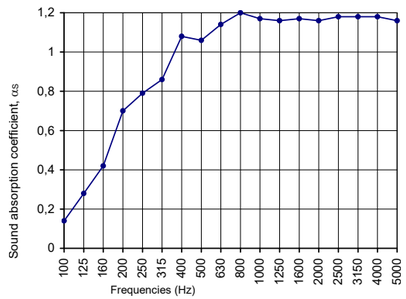


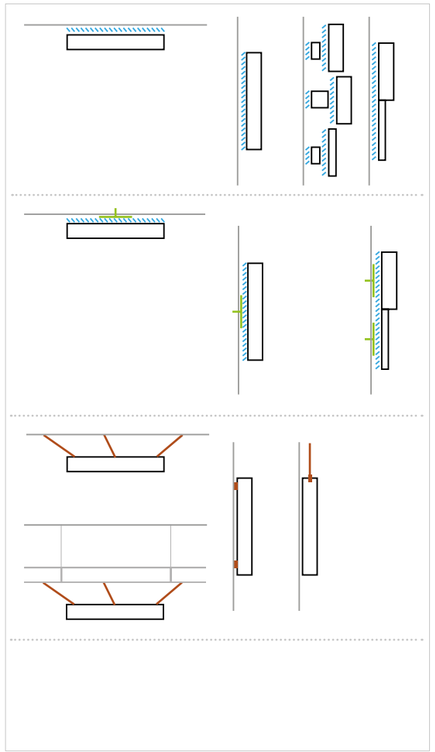
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

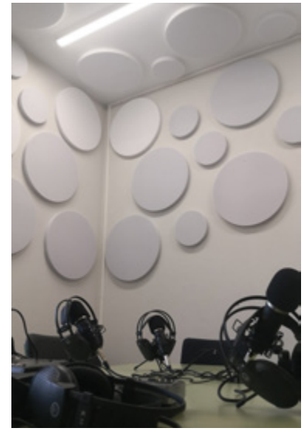








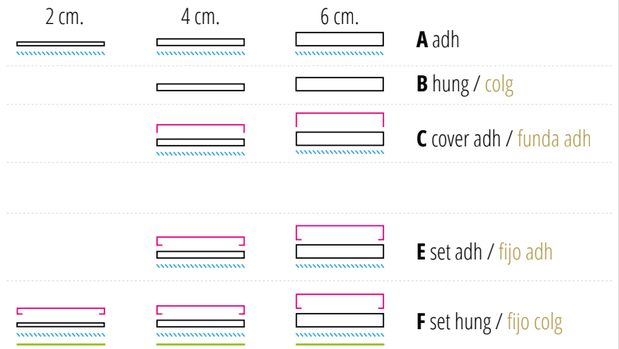




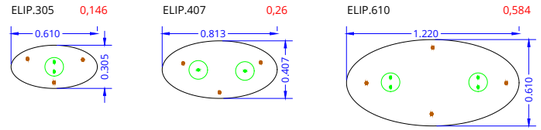


ELLIPSE / ELIPSE

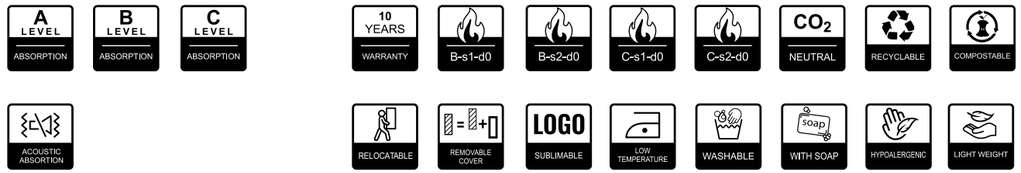
CONSTRUCTION
CONSTRUCCIÓN



STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

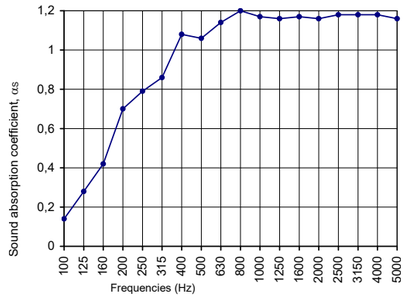


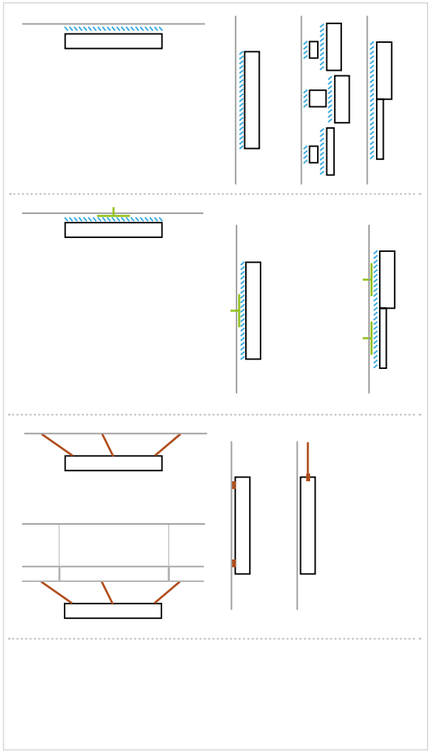
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



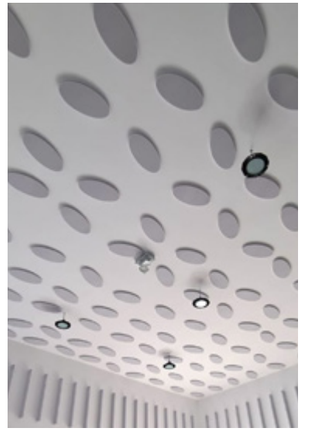
AVAILABLE FINISHES / ACABADOS DISPONIBLES

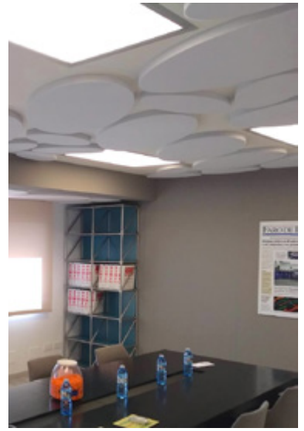








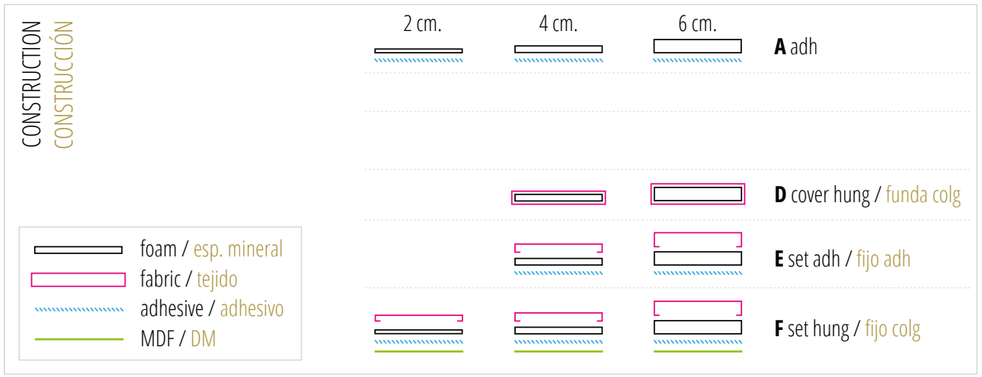




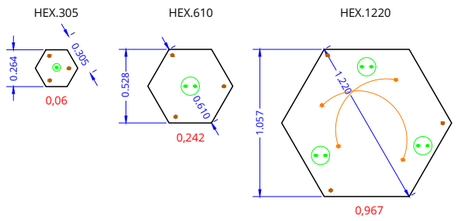


HEXAGON / HEXÁGONO

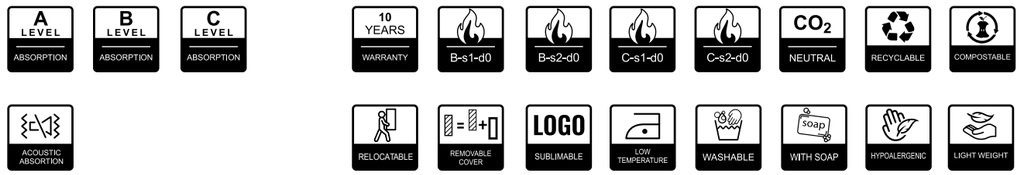
CONSTRUCTION / CONSTRUCCIÓN



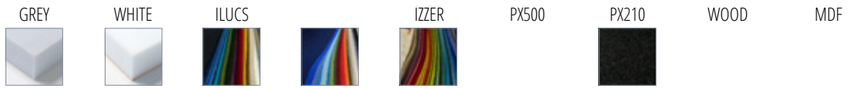
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

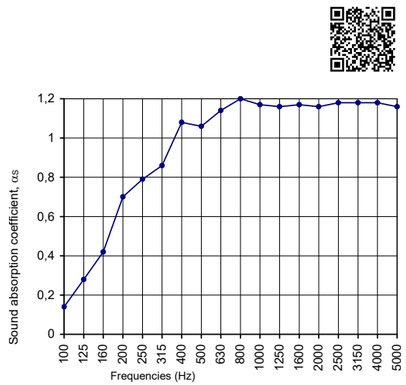


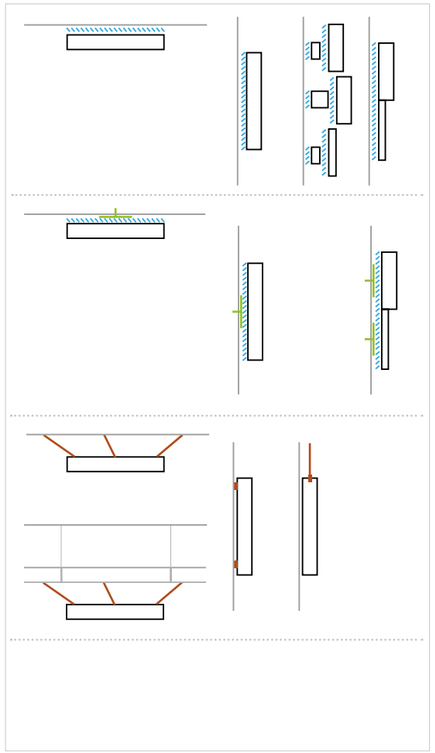
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



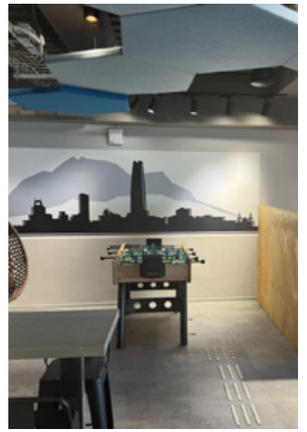
AVAILABLE FINISHES / ACABADOS DISPONIBLES















LINEAR

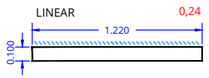
CONSTRUCTION
CONSTRUCCIÓN



foam / esp. mineral

adhesive / adhesivo

STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

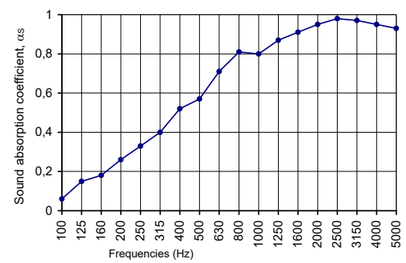


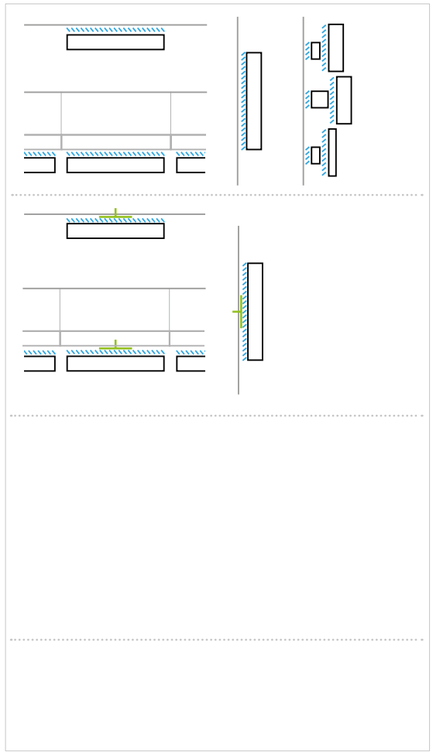
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

C LEVEL ABSORPTION
10 YEARS WARRANTY
C-s2-d0
CO_2 NEUTRAL
RECYCLABLE
ACOUSTIC ABSORTION
RELOCATABLE
HYPOALERGENIC
LIGHT WEIGHT

AVAILABLE FINISHES / ACABADOS DISPONIBLES

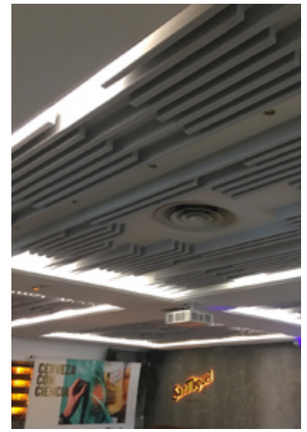
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF













CYLINDER / CILINDRO

CONSTRUCTION
CONSTRUCCIÓN

10 & 15 cm.

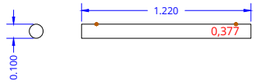
B hung / colg

D cover hung / funda colg

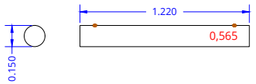
foam / esp. mineral
fabric / tejido

STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

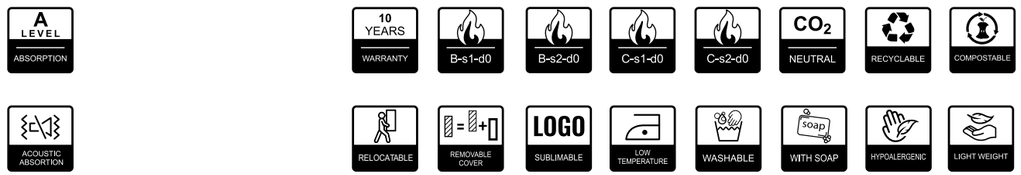
3D.C.100.1220



3D.C.150.1220

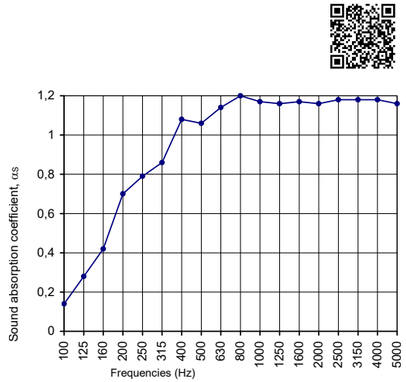


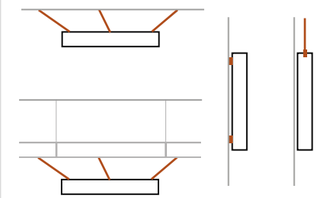
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



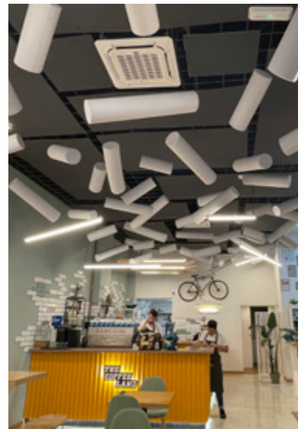
AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY | WHITE | ILUCS | IZZER | PX500 | PX210 | WOOD | MDF













PARALLELEPIPED / PARALELEPÍPEDO

CONSTRUCTION
CONSTRUCCIÓN

10 & 15 cm.

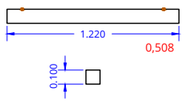
B hung / colg

D cover hung / funda colg

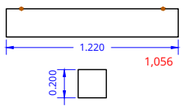
foam / esp. mineral
fabric / tejido

STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

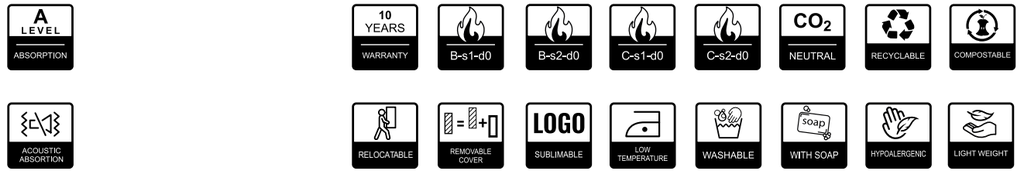
3D.P.100.1220



3D.P.200.1220



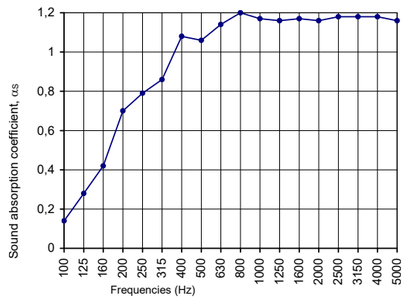
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

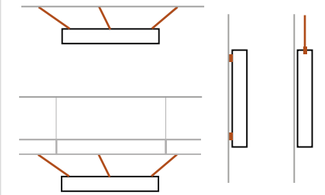


AVAILABLE FINISHES / ACABADOS DISPONIBLES

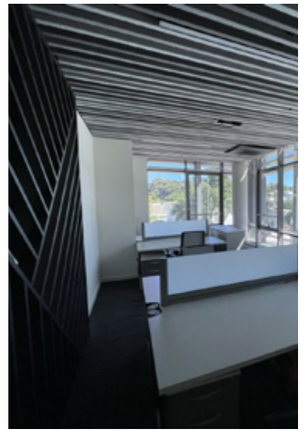
GREY | WHITE | ILUCS | IZZER | PX500 | PX210 | WOOD | MDF

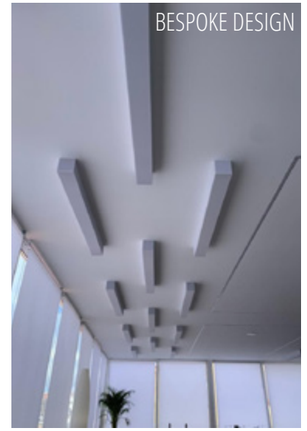


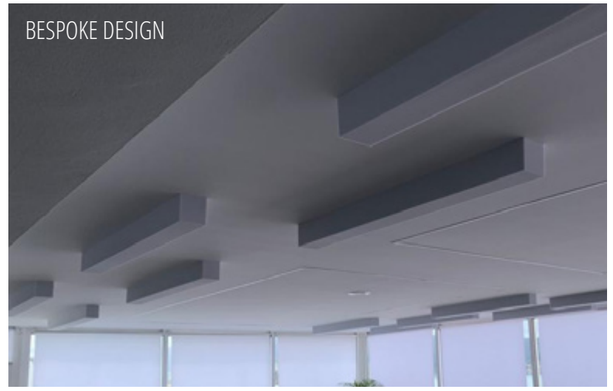












CUBE / CUBO

CONSTRUCTION
CONSTRUCCIÓN

10 & 15 cm.

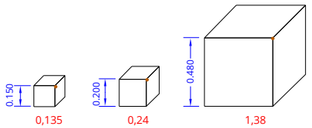
B hung / colg

D cover hung / funda colg

foam / esp. mineral
fabric / tejido

STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

3D.CUBO.150 3D.CUBO.200 3D.CUBO.480

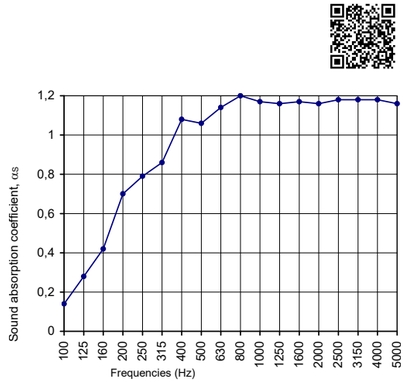


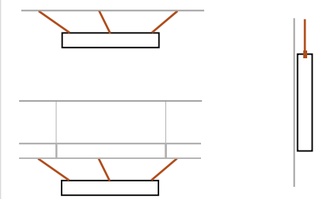
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

A LEVEL ABSORPTION
10 YEARS WARRANTY
B-s1-d0
B-s2-d0
C-s1-d0
C-s2-d0
CO_2 NEUTRAL
RECYCLABLE
COMPOSTABLE
ACOUSTIC ABSORTION
RELOCATABLE
REMOVABLE COVER
LOGO SUBLIMABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC
LIGHT WEIGHT

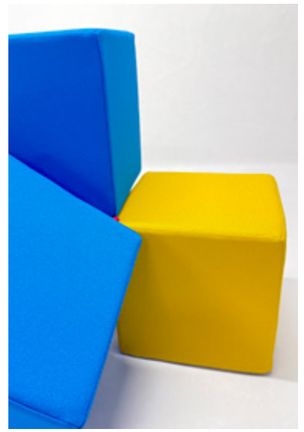
AVAILABLE FINISHES / ACABADOS DISPONIBLES

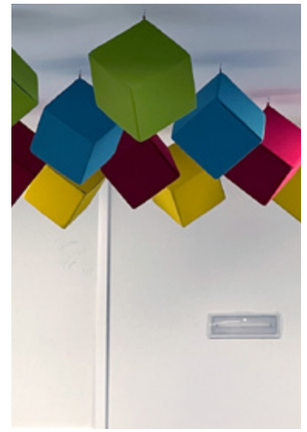
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF







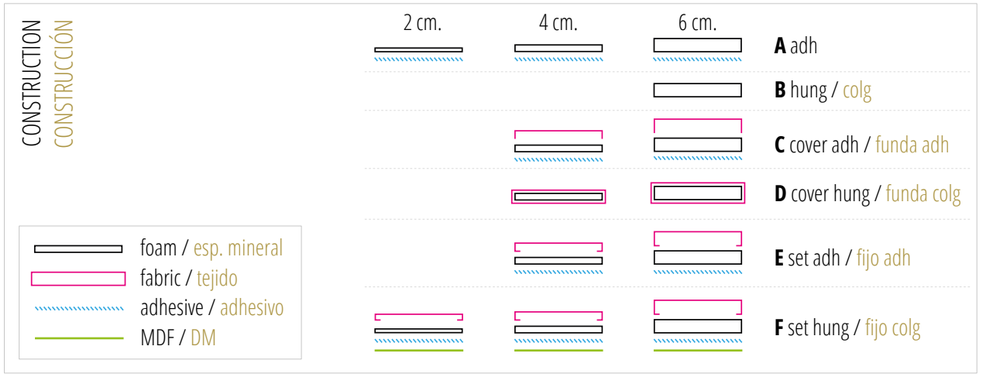




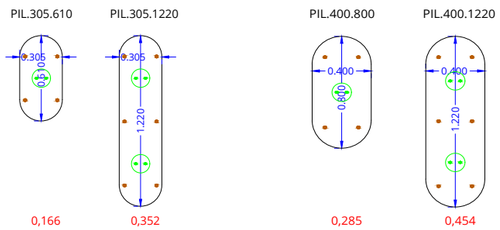


PILL

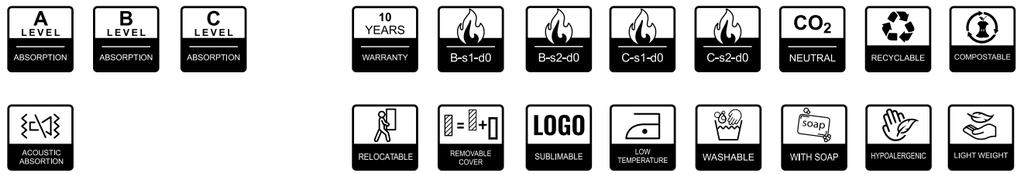
CONSTRUCTION / CONSTRUCCIÓN



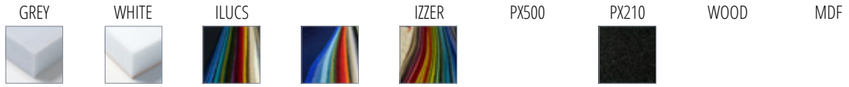
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

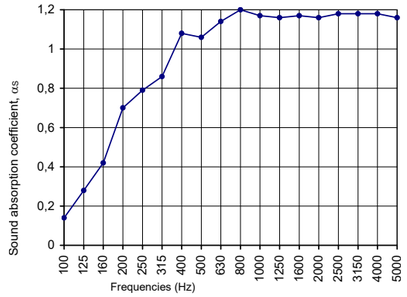


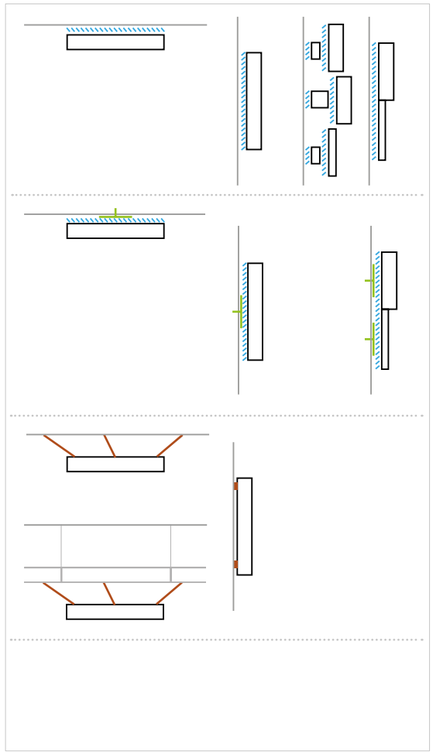
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

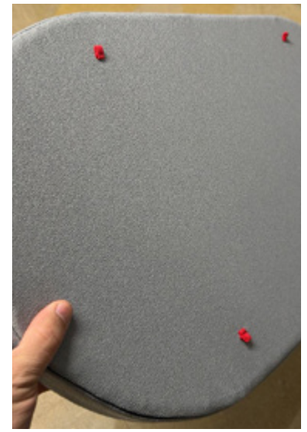


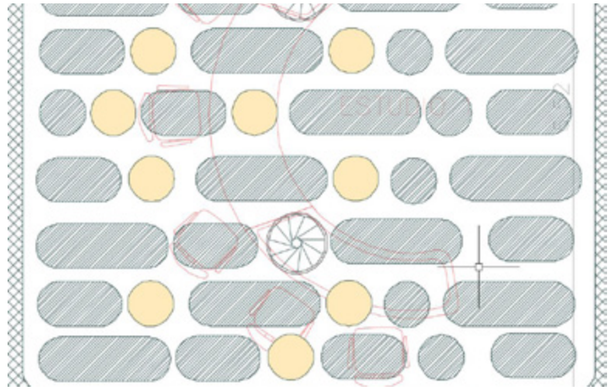






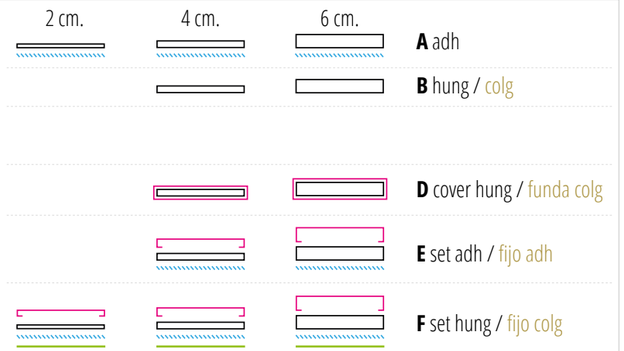




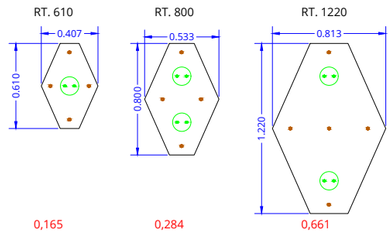


TRISMA

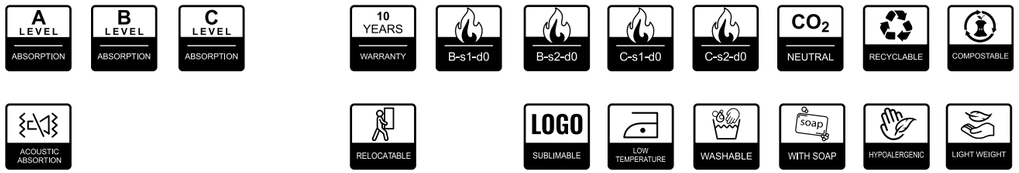
CONSTRUCTION / CONSTRUCCIÓN



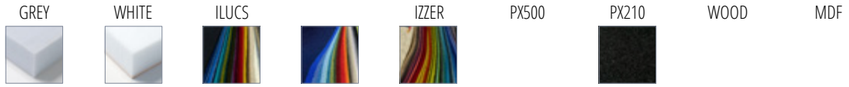
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR

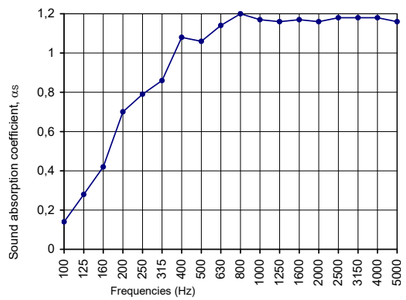


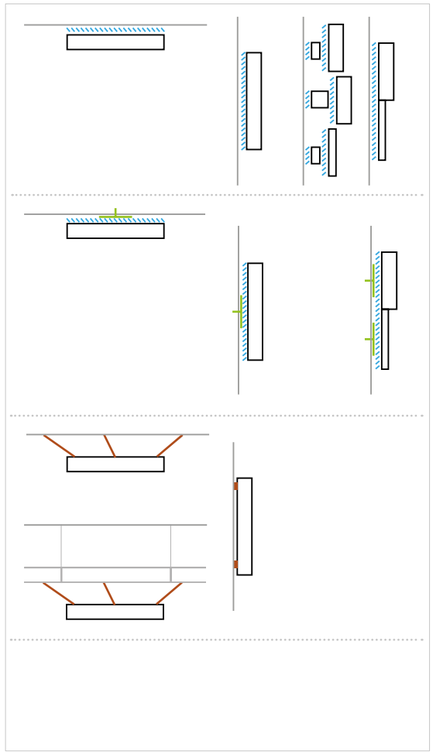
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



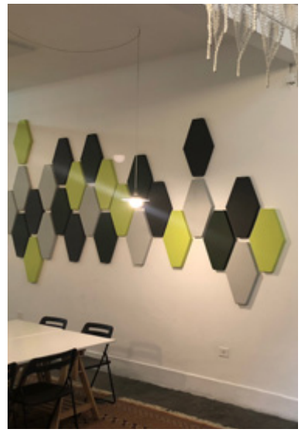
AVAILABLE FINISHES / ACABADOS DISPONIBLES

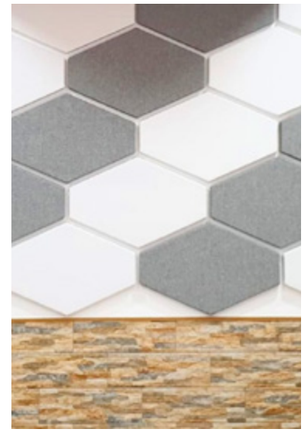




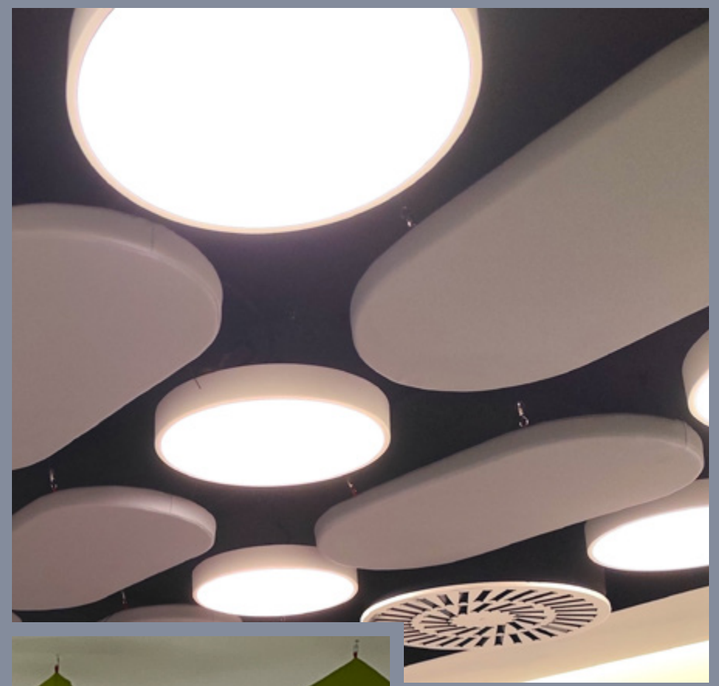




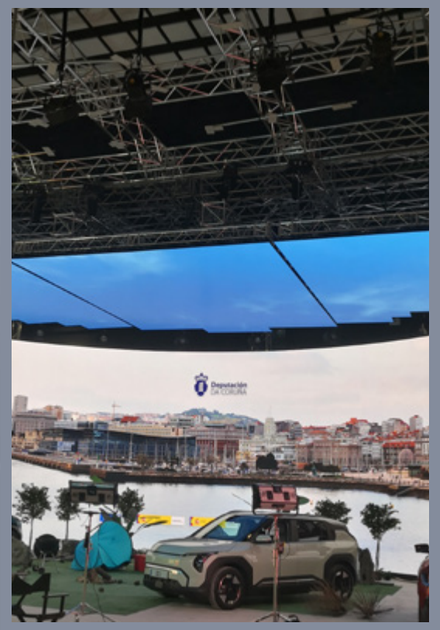




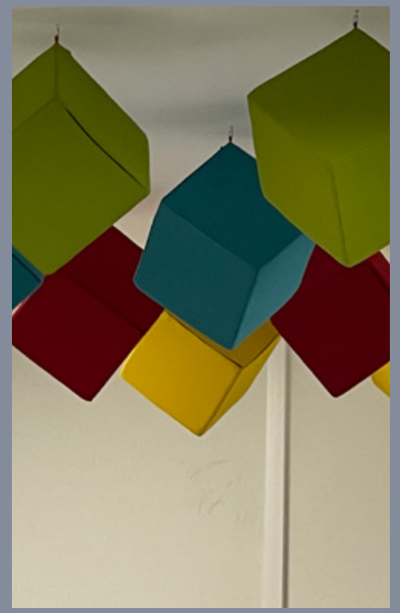






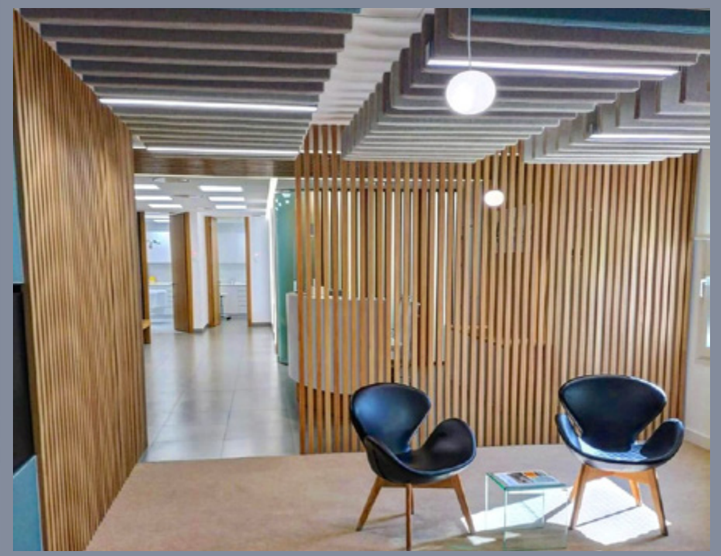






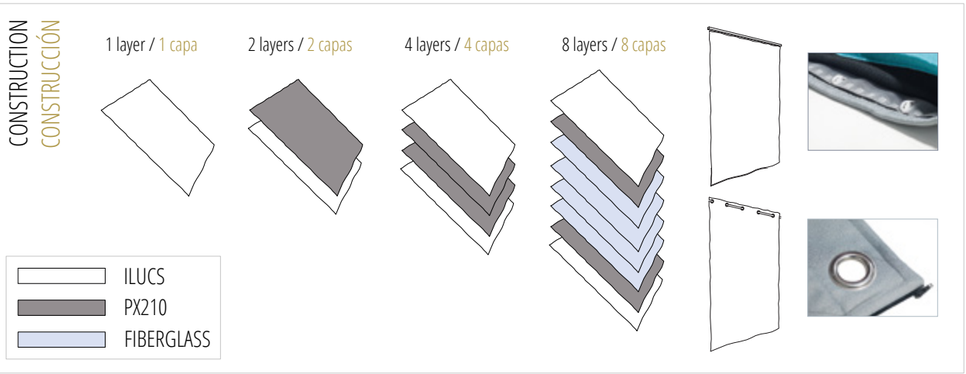






ILUCS CURTAINS / CORTINAS ILUCS

CONSTRUCTION / CONSTRUCCIÓN



1 LAYER / 1 CAPA



2 LAYERS / 2 CAPAS



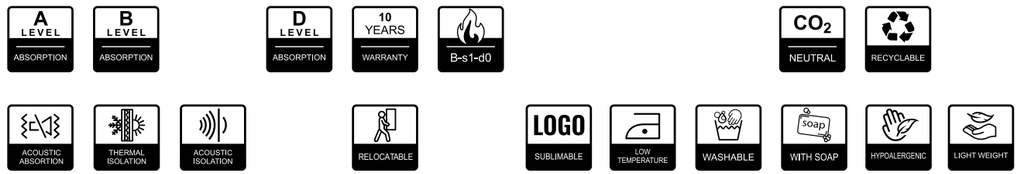
4 LAYERS / 4 CAPAS



8 LAYERS / 8 CAPAS

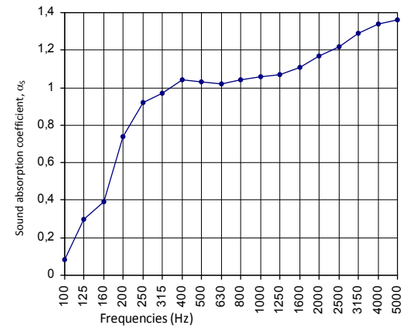


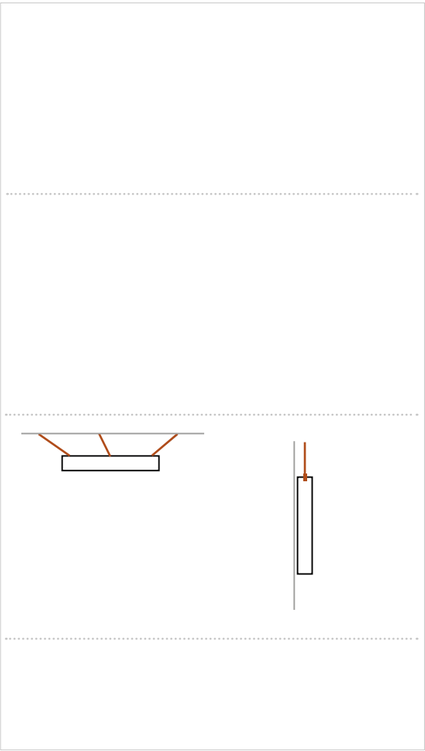
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY	WHITE	ILUCS		IZZER	PX500	PX210	WOOD	MDF









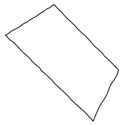




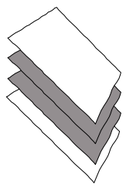
IZZER CURTAINS / CORTINAS IZZER

CONSTRUCTION / CONSTRUCCIÓN

1 layer / 1 capa



4 layers / 4 capas



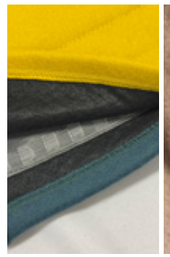


IZZER
PX210

1 LAYER / 1 CAPA



4 LAYERS / 4 CAPAS





TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

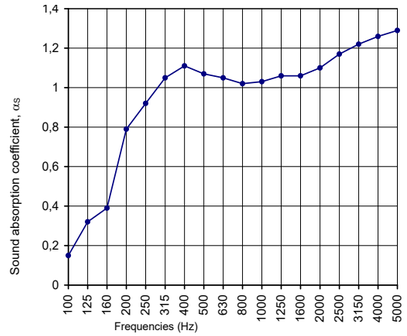


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF















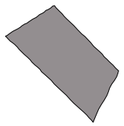




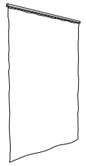
PX500 CURTAIN / CORTINA PX500

CONSTRUCTION
CONSTRUCCIÓN

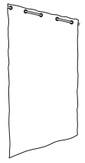
1 layer / 1 capa



PX500









1 LAYER / 1 CAPA



TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

B LEVEL ABSORPTION

10 YEARS WARRANTY

B-s1-d0

CO_2 NEUTRAL

RECYCLABLE

ACOUSTIC ABSORTION

RELOCATABLE

LOW TEMPERATURE

WASHABLE

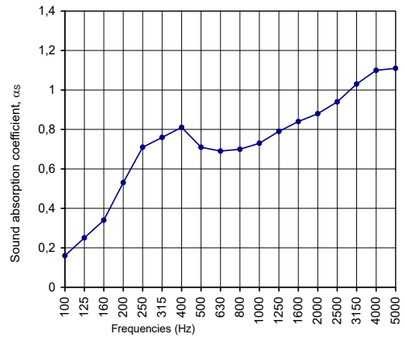
soap WITH SOAP

HYPOALERGENIC

LIGHT WEIGHT

AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF















WB ILUCS

CONSTRUCTION
CONSTRUCCIÓN

3,3 cm.

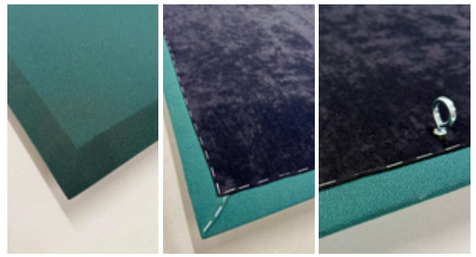
D cover hung / funda colg

foam / esp. mineral
fabric / tejido
wood / madera

STANDAR SECTION / SECCIÓN ESTÁNDAR

1
2
3
4
5
6

DETAILS´ PICTURES / FOTOS DE DETALLE

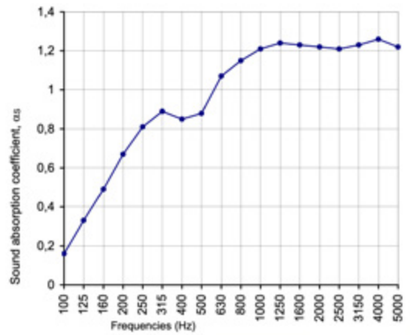


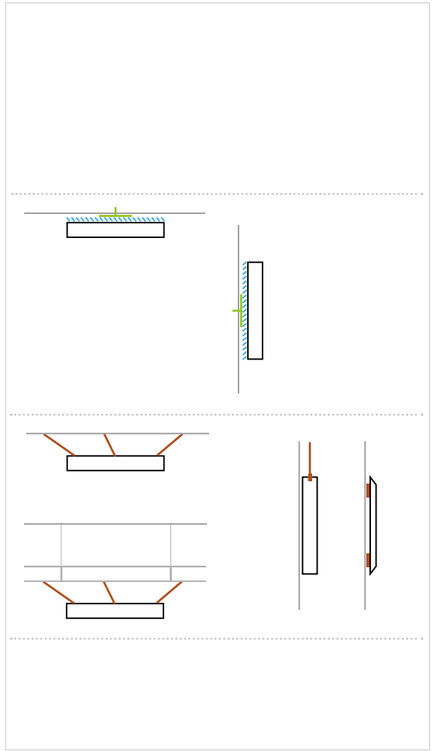
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

A LEVEL ABSORPTION
10 YEARS WARRANTY
B-s1-d0
C-s2-d0
CO_2 NEUTRAL
RECYCLABLE
ACOUSTIC ABSORTION
RELOCATABLE
LOGO SUBLIMABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENC

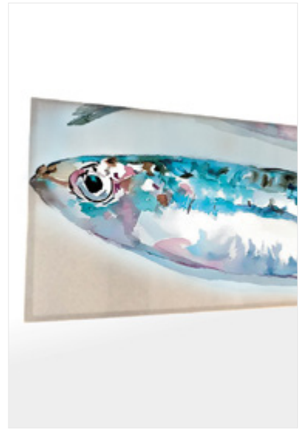
AVAILABLE FINISHES / ACABADOS DISPONIBLES

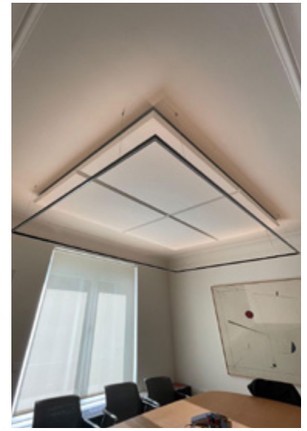
GREY
WHITE
ILUCS
IZZER
PX500
PX210
WOOD
MDF

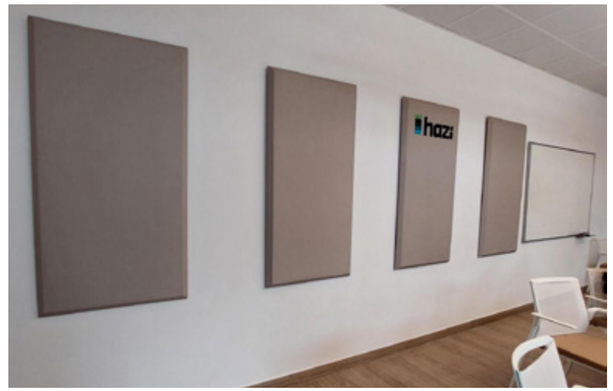












WB IMECO

CONSTRUCTION / CONSTRUCCIÓN

3,3 cm.

D cover hung / funda colg

foam / esp. mineral
fabric / tejido
wood / madera

STANDAR SECTION / SECCIÓN ESTÁNDAR



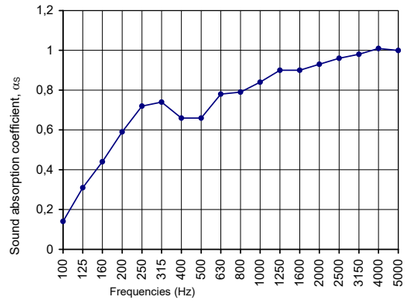
DETAILS´ PICTURES / FOTOS DE DETALLE

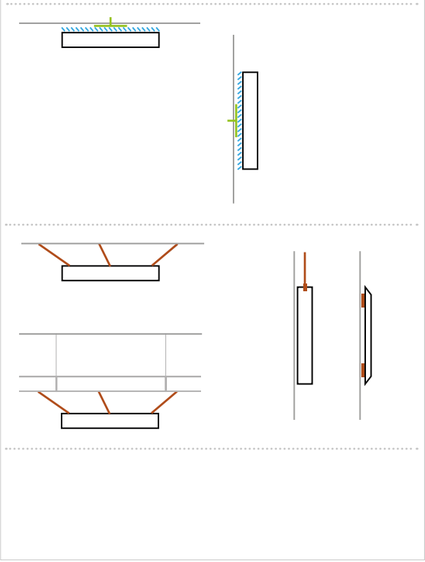
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

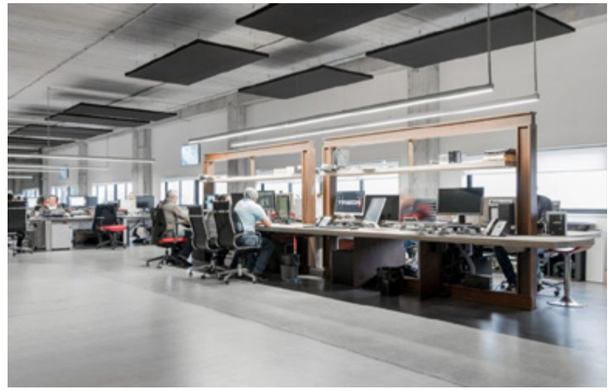


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF













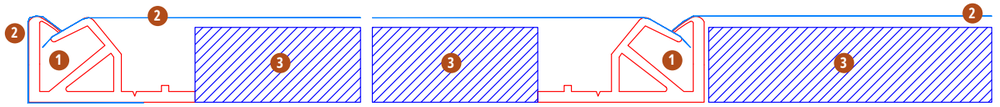
TENSTEX

CONSTRUCTION
CONSTRUCCIÓN

foam / esp. mineral
fabric / tejido
adhesive / adhesivo
profile / perfil

1,5 cm. 4 cm.

E set adh / fijo adh



DETAILS´ PICTURES / FOTOS DE DETALLE



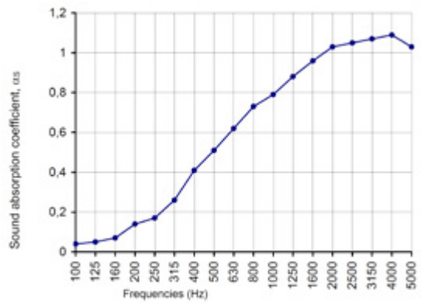
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

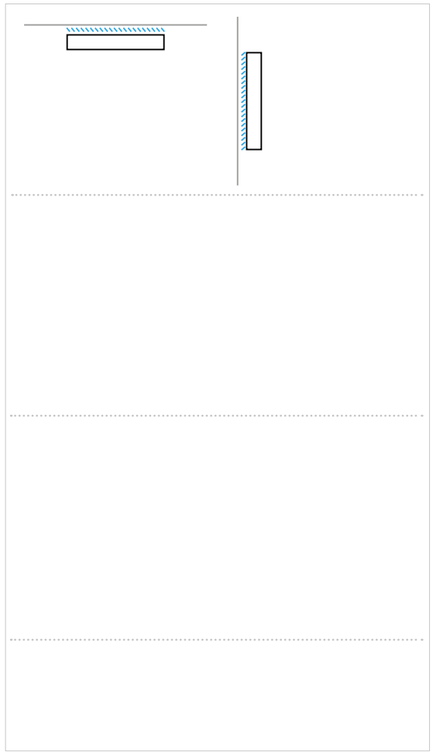
B LEVEL ABSORPTION
D LEVEL ABSORPTION
10 YEARS WARRANTY
B-s1-d0
C-s1-d0
CO_2 NEUTRAL
RECYCLABLE
COMPOSTABLE
ACOUSTIC ABSORTION
LOGO SUBLIMABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC
LIGHT WEIGHT

AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF















NENUFAR

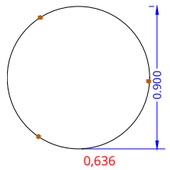
CONSTRUCTION
CONSTRUCCIÓN

0,7 cm.

D cover hung / funda colg

wool / lana
fabric / tejido
PX210

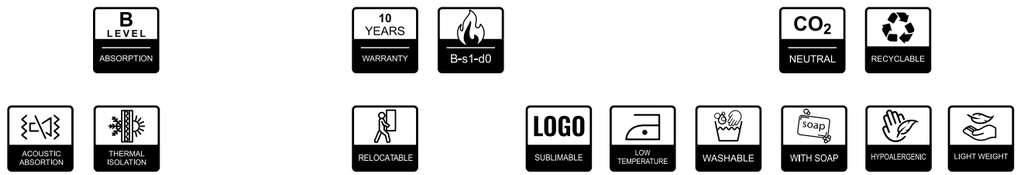
STANDARD DIMENSIONS / DIMENSIONES ESTÁNDAR



DETAILS´ PICTURES / FOTOS DE DETALLE



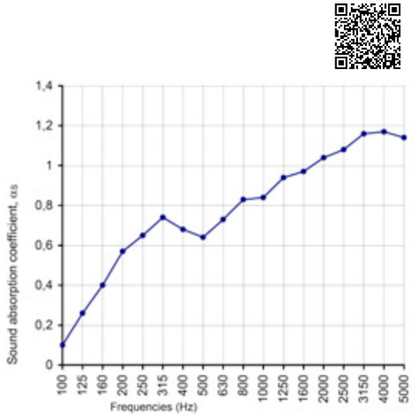
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

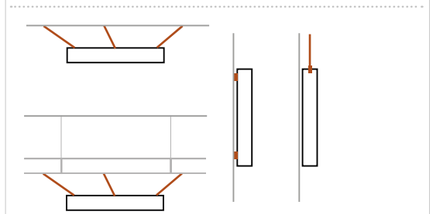


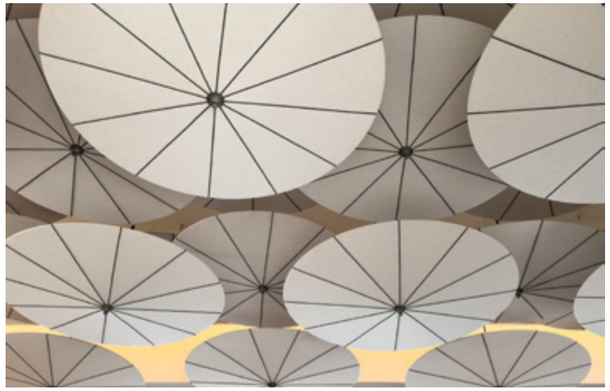
AVAILABLE FINISHES / ACABADOS DISPONIBLES

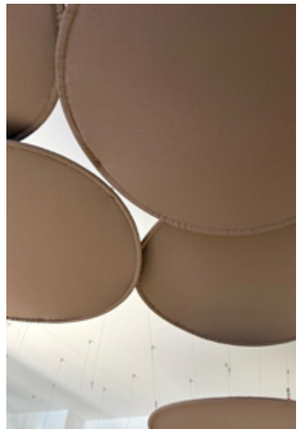
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

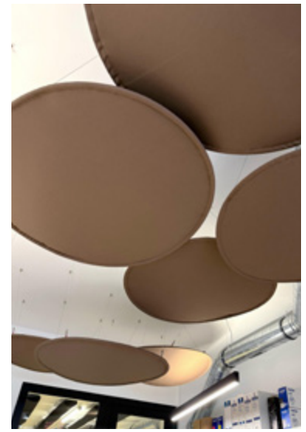












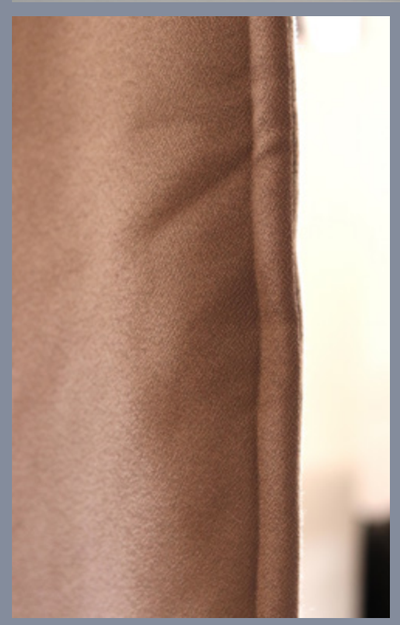



Son das flores
música para a transformación









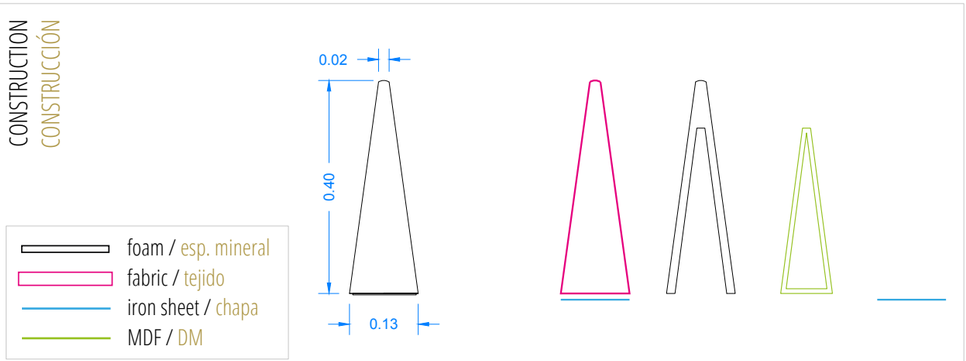




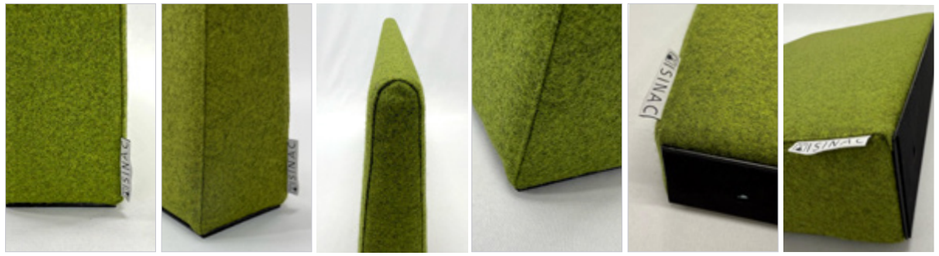


GOLD DESK DIVIDERS / DIVISORIA GOLD

CONSTRUCTION / CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE



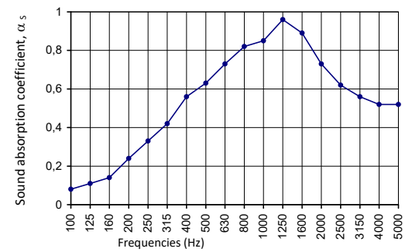
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

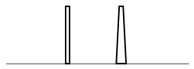


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY	WHITE	ILUCS	IZZER	PX500	PX210	WOOD	MDF

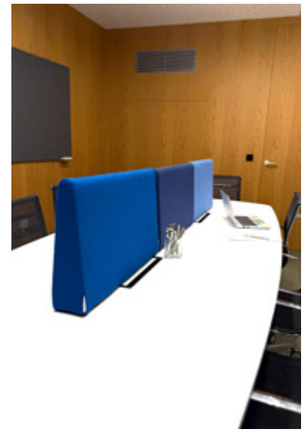








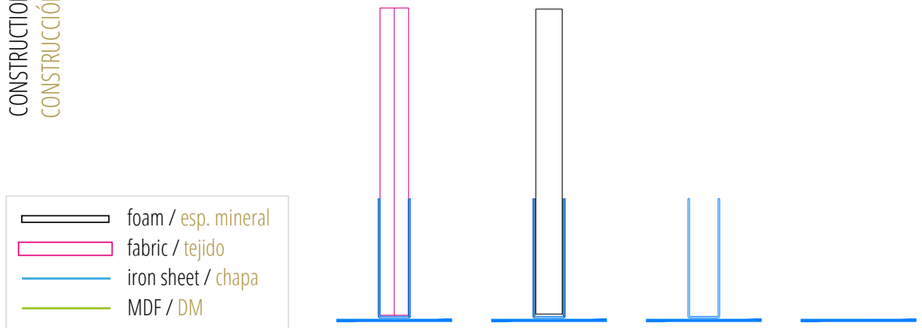




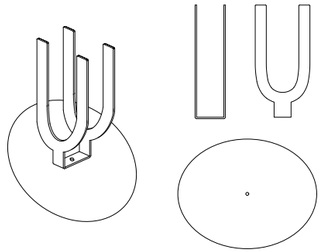


SILVER DESK DIVIDERS / DIVISORIA SILVER

CONSTRUCTION
CONSTRUCCIÓN



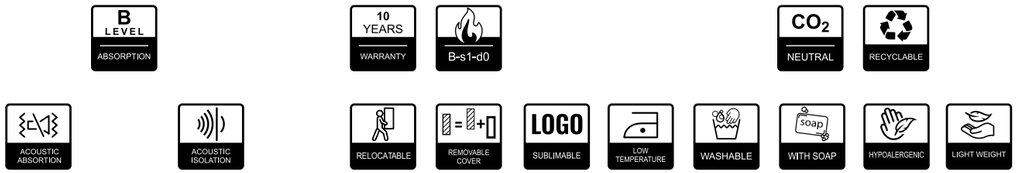
DETAILS / DETALLES



DETAILS´ PICTURES / FOTOS DE DETALLE



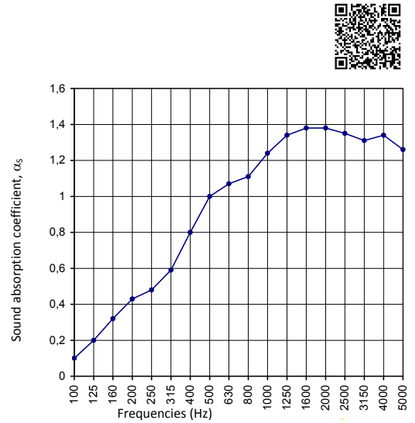
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

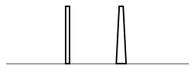


AVAILABLE FINISHES / ACABADOS DISPONIBLES

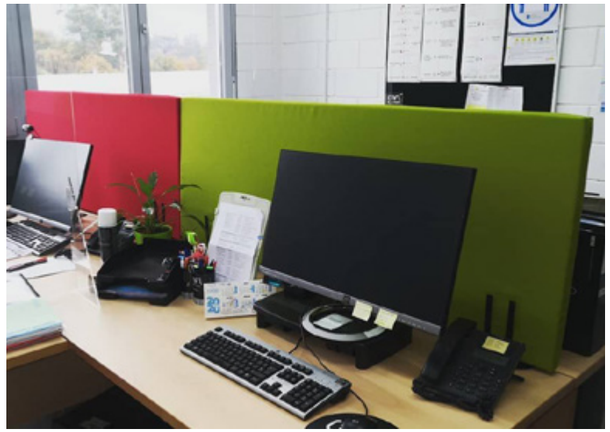
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF







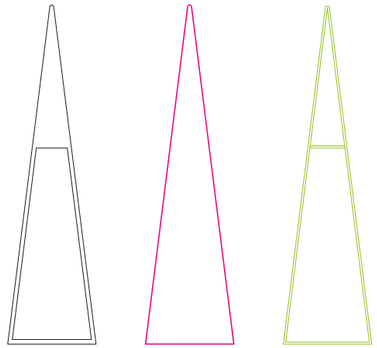






GOLD ROOM DIVIDERS / BIOMBO GOLD

CONSTRUCTION
CONSTRUCCIÓN



foam / esp. mineral
fabric / tejido
MDF / DM

DETAILS´ PICTURES / FOTOS DE DETALLE



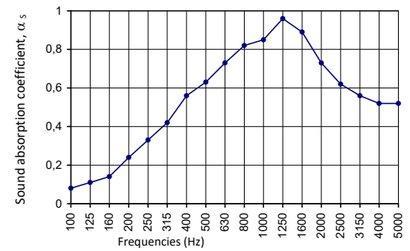
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

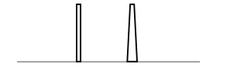


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF









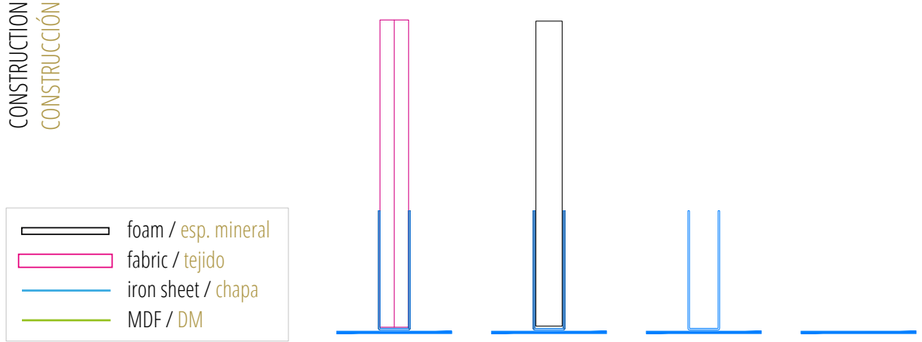




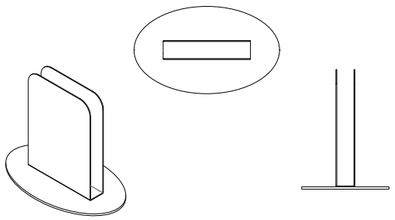


SILVER ROOM DIVIDERS / BIOMBO SILVER

CONSTRUCTION
CONSTRUCCIÓN



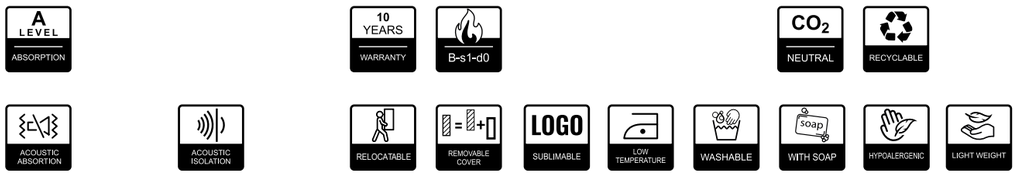
DETAILS / DETALLES



DETAILS´ PICTURES / FOTOS DE DETALLE



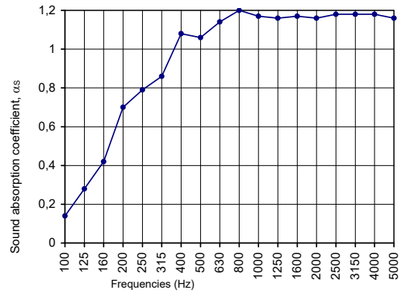
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

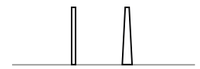


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF











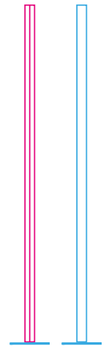




BRONZE ROOM DIVIDERS / BIOMBO BRONCE

CONSTRUCTION
CONSTRUCCIÓN

foam / esp. mineral
fabric / tejido
iron sheet / chapa



DETAILS´ PICTURES / FOTOS DE DETALLE



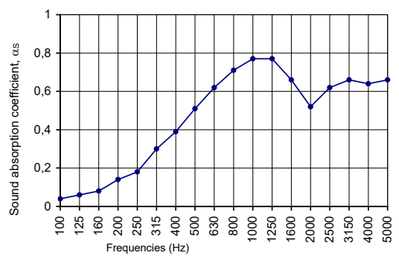
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

C LEVEL ABSORPTION
10 YEARS WARRANTY
C-s1-d0
CO_2 NEUTRAL
COMPOSTABLE
ACOUSTIC ABSORTION
ACOUSTIC ISOLATION
RELOCATABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC

AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF









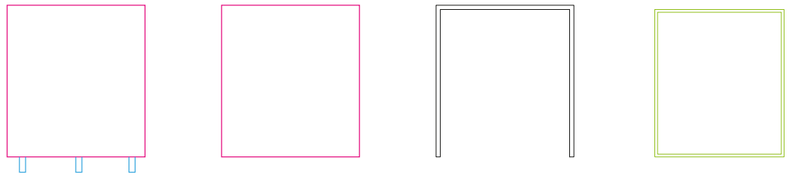




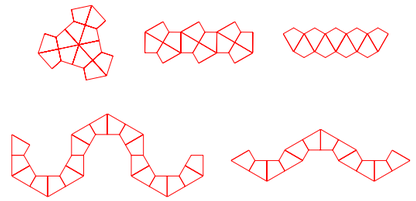


DIAMOND PUFF

CONSTRUCTION
CONSTRUCCIÓN



DETAILS / DETALLES



DETAILS´ PICTURES / FOTOS DE DETALLE



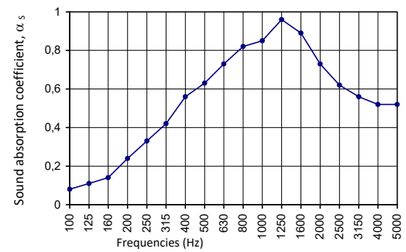
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

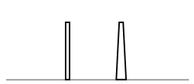


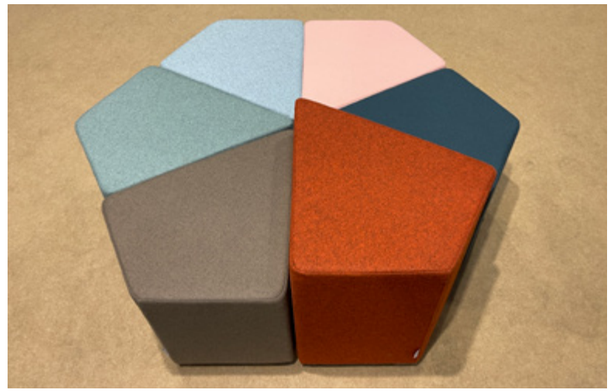
AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

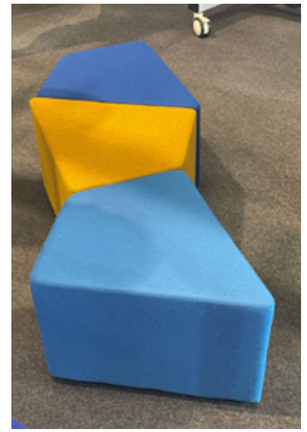


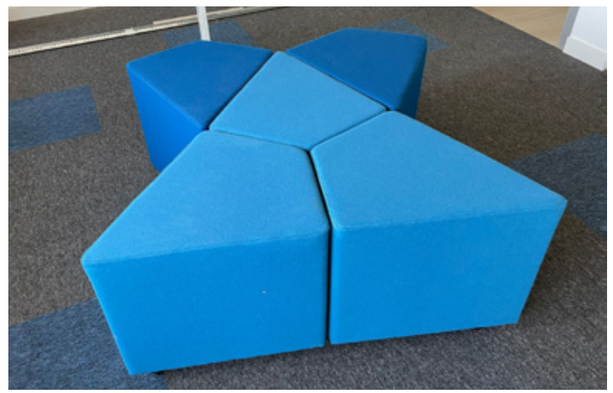






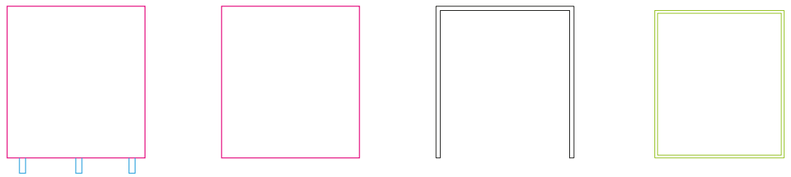




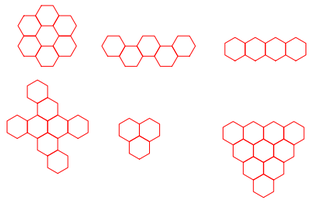


BASALT PUFF

CONSTRUCTION
CONSTRUCCIÓN



DETAILS / DETALLES



DETAILS´ PICTURES / FOTOS DE DETALLE



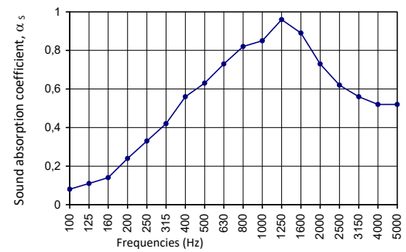
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF









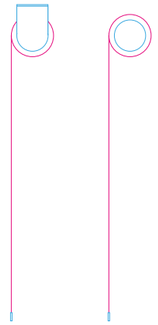






BLIND / ESTOR

CONSTRUCTION / CONSTRUCCIÓN



fabric / tejido
ironwork / herraje metálico

DETAILS´ PICTURES / FOTOS DE DETALLE



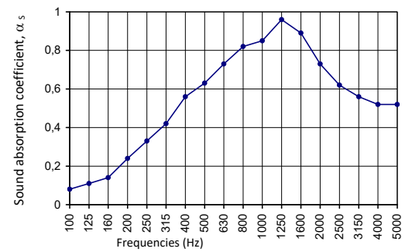
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

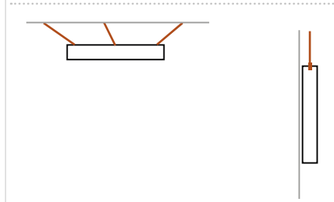
C LEVEL ABSORPTION · 10 YEARS WARRANTY · C-s1-d0 · CO_2 NEUTRAL · COMPOSTABLE

ACOUSTIC ABSORTION · ACOUSTIC ISOLATION · RELOCATABLE · LOW TEMPERATURE · WASHABLE · soap WITH SOAP · HYPOALERGENC

AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY · WHITE · ILUCS · IZZER · PX500 · PX210 · WOOD · MDF



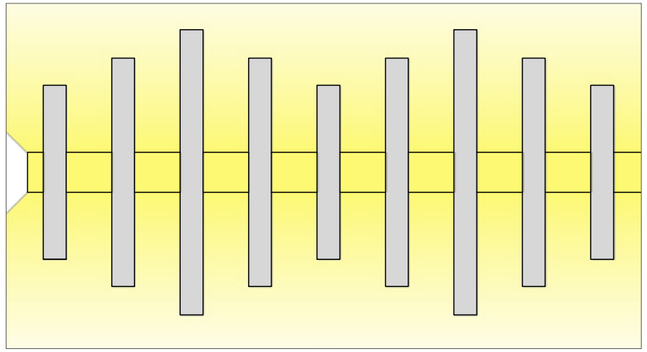


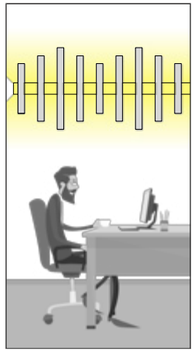


IKLA IZU

IKLA

CONSTRUCTION
CONSTRUCCIÓN





DETAILS´ PICTURES / FOTOS DE DETALLE

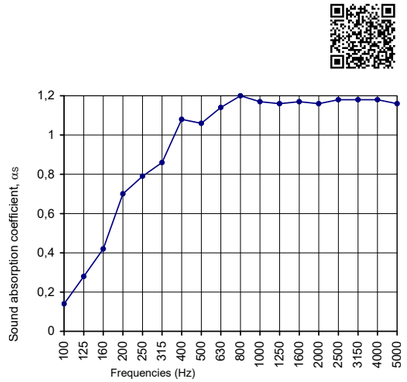


TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

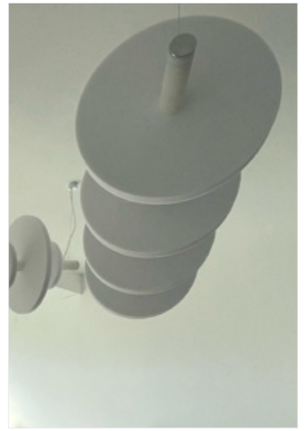
A LEVEL ABSORPTION
10 YEARS WARRANTY
B-s1-d0
CO_2 NEUTRAL
RECYCLABLE
ACOUSTIC ABSORTION
RELOCATABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC
LIGHT WEIGHT

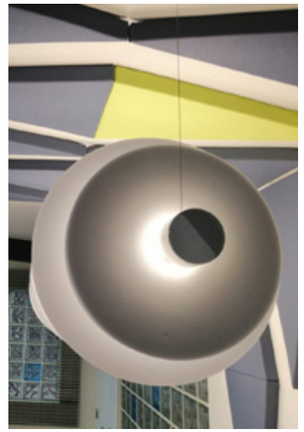
AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY	WHITE	ILUCS	IZZER	PX500	PX210	WOOD	MDF
							

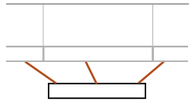














WH

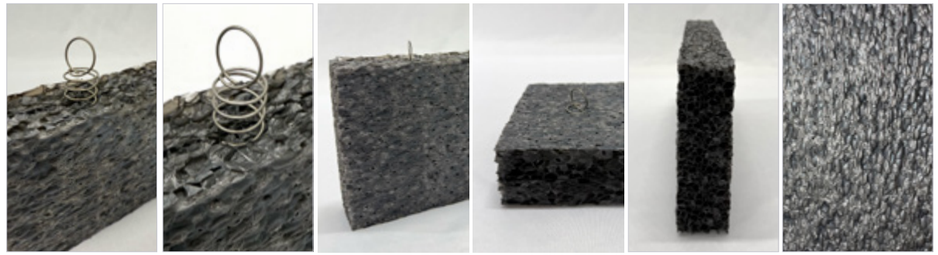
CONSTRUCTION
CONSTRUCCIÓN

4 cm.

B hung / colg

foam / esp. mineral
fabric / tejido
adhesive / adhesivo
MDF / DM

DETAILS´ PICTURES / FOTOS DE DETALLE

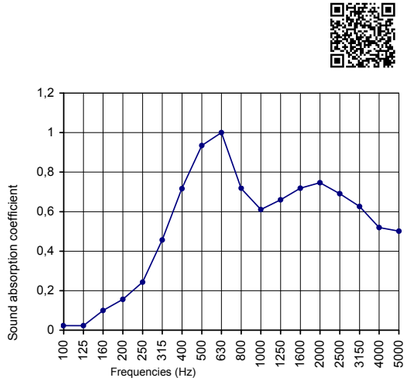


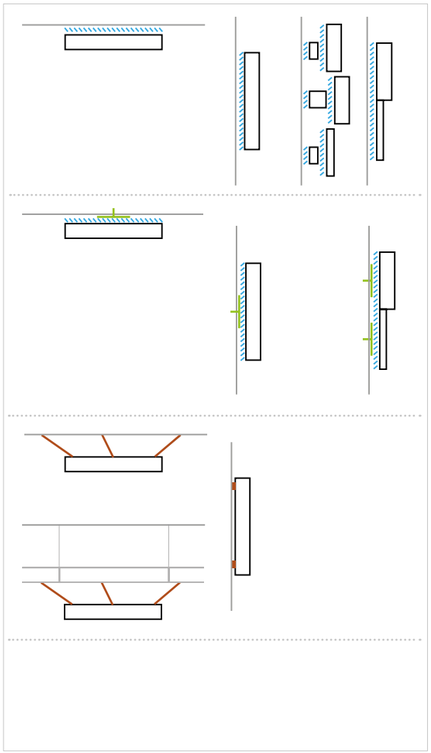
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

C LEVEL ABSORPTION
10 YEARS WARRANTY
B-s2-d0
CO_2 NEUTRAL
RECYCLABLE
ACOUSTIC ABSORTION
RELOCATABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC
LIGHT WEIGHT

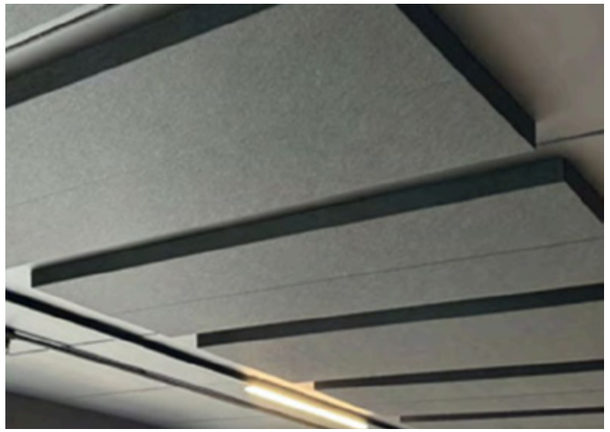
AVAILABLE FINISHES / ACABADOS DISPONIBLES

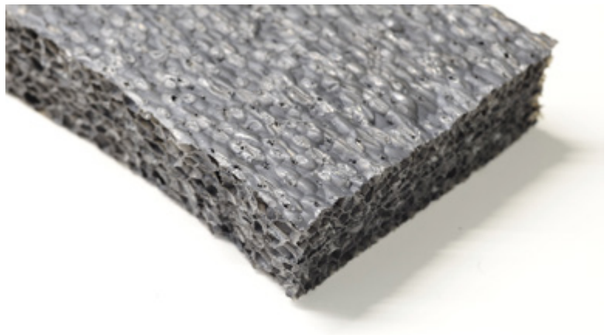
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF











INDUSTRIAL G

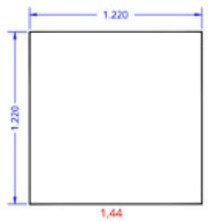
CONSTRUCTION
CONSTRUCCIÓN

3,3 cm.

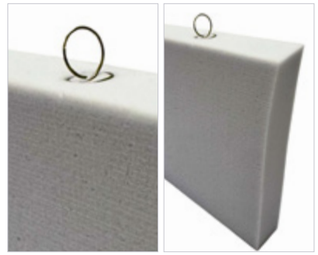
B hung / colg

foam / esp. mineral

ESTÁNDAR DIMENSIONS / DIMENSIONES ESTÁNDAR



DETAILS´ PICTURES / FOTOS DE DETALLE



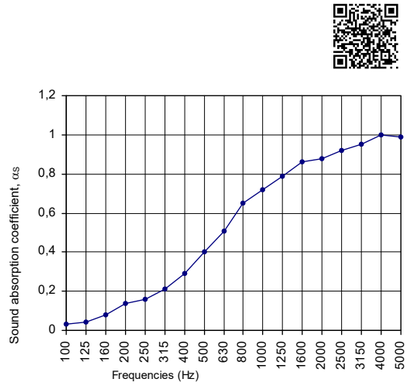
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

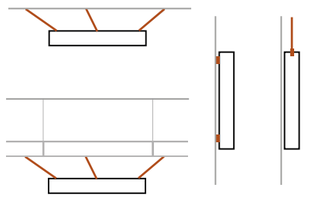
C LEVEL ABSORPTION
10 YEARS WARRANTY
B-s1-d0
CO_2 NEUTRAL
RECYCLABLE
ACOUSTIC ABSORTION
RELOCATABLE
LOW TEMPERATURE
WASHABLE
soap WITH SOAP
HYPOALERGENIC
LIGHT WEIGHT

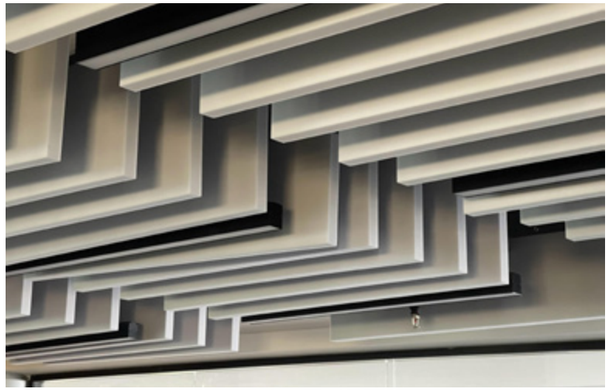
AVAILABLE FINISHES / ACABADOS DISPONIBLES

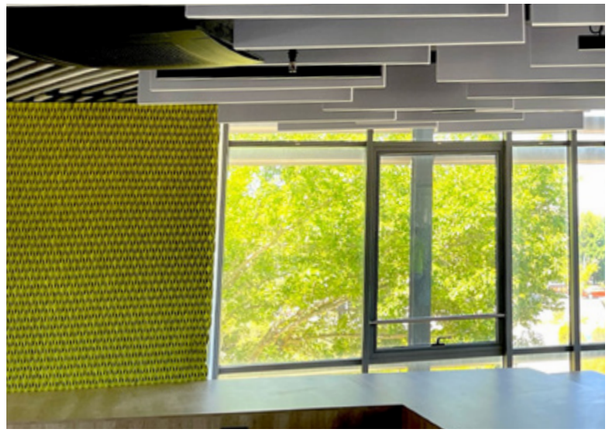
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF







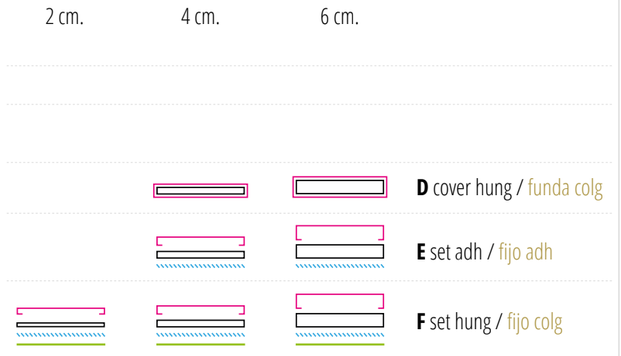




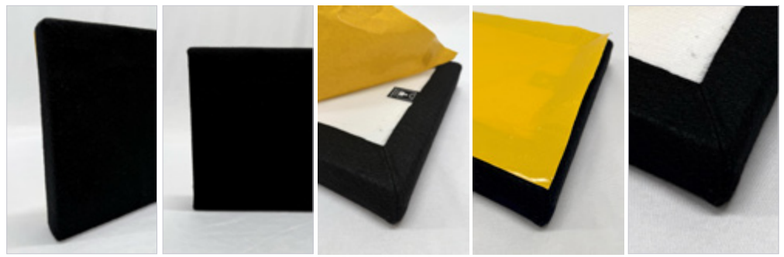


MFPX

CONSTRUCTION
CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE

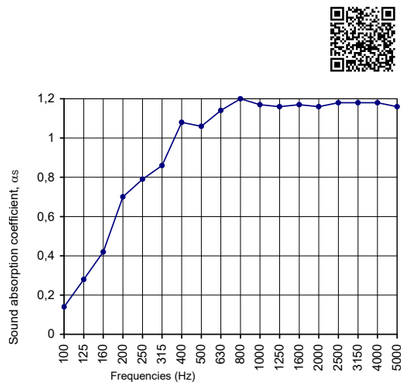


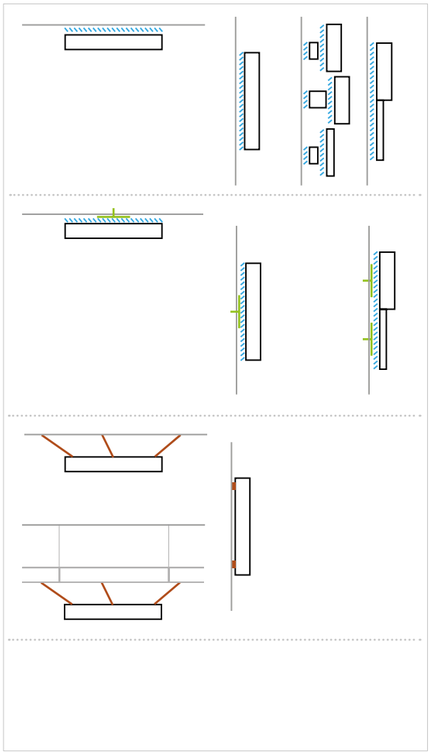
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY | WHITE | ILUCS | IZZER | PX500 | PX210 | WOOD | MDF







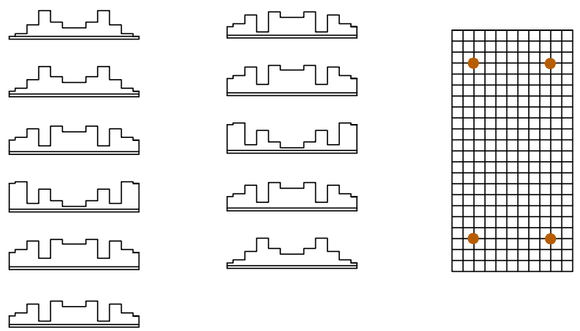




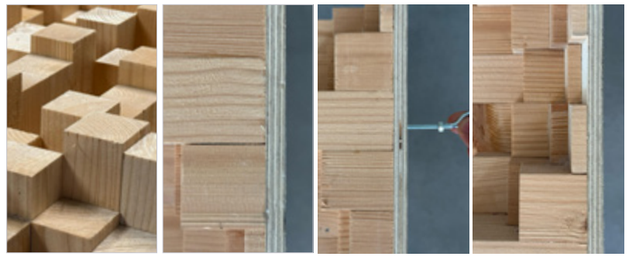


DIFFUSER 4x4 / DIFUSOR

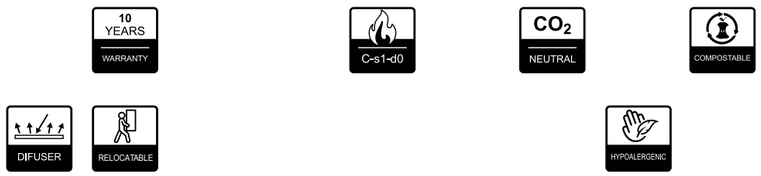
CONSTRUCTION
CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE

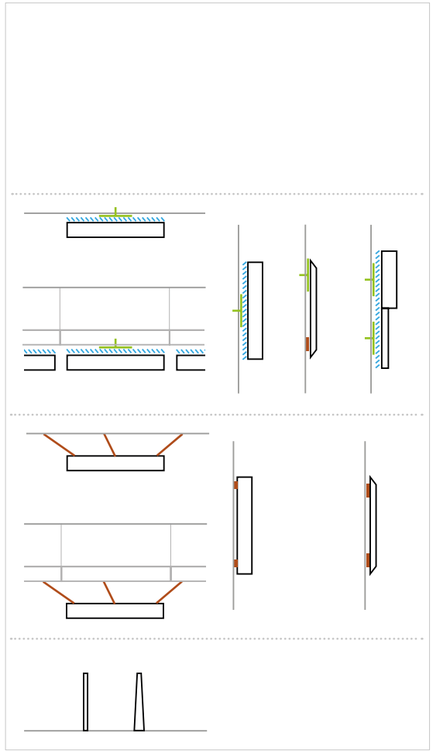


TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

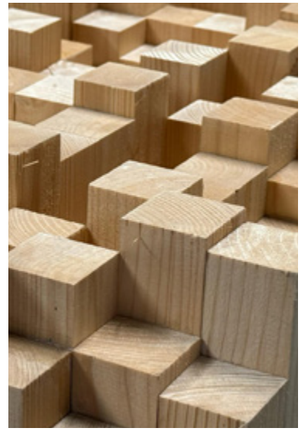


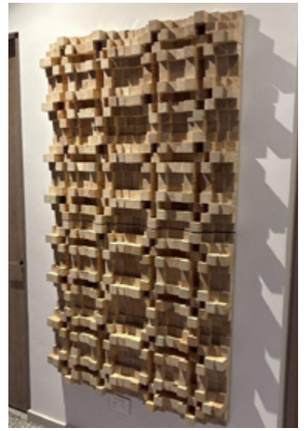
AVAILABLE FINISHES / ACABADOS DISPONIBLES

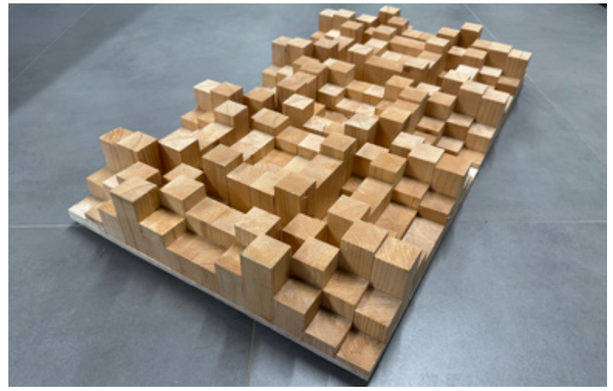
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF





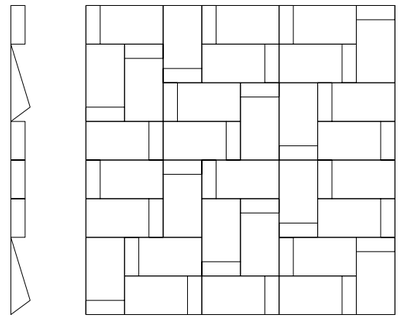






DIFFUSER 14x7 / DIFUSOR

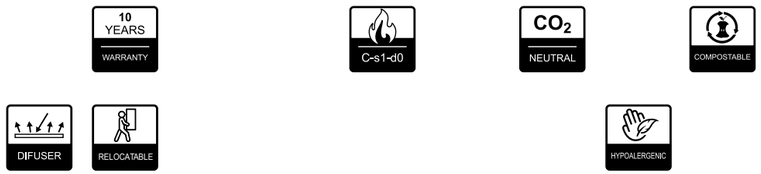
CONSTRUCTION
CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE

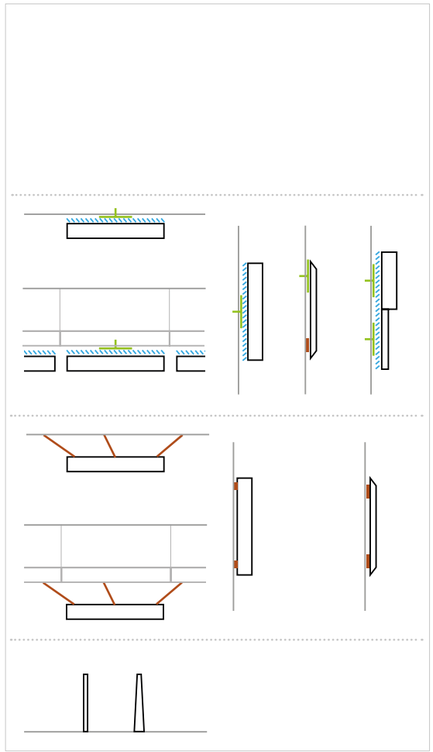


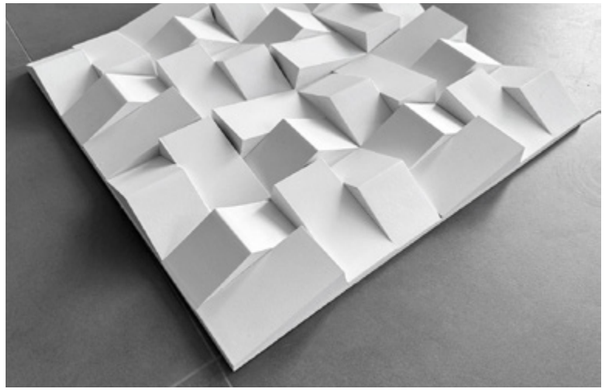
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

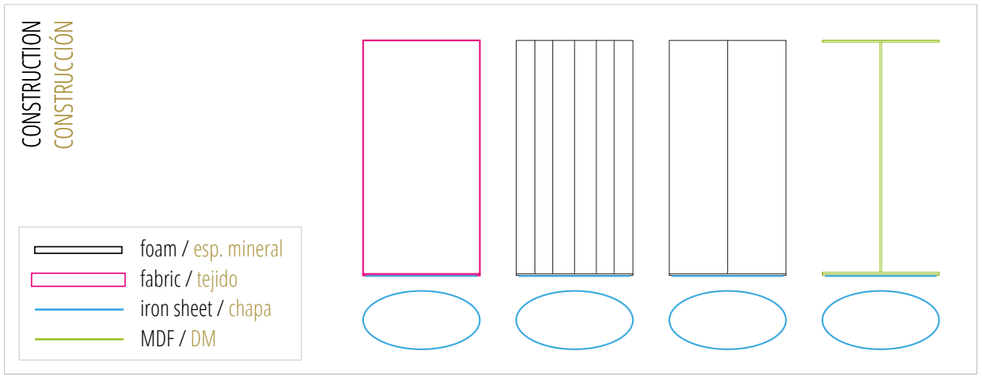




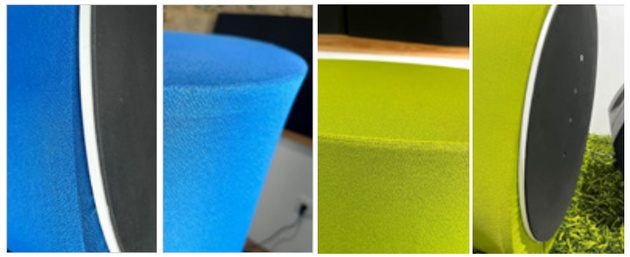


ELYPSIUM

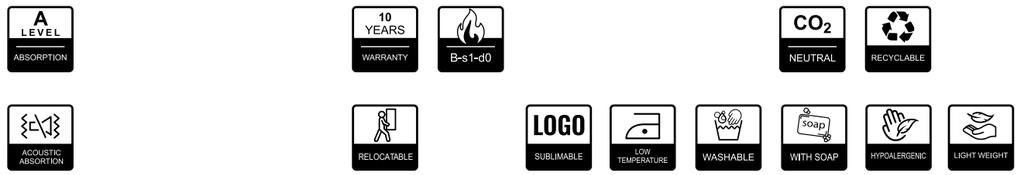
CONSTRUCTION
CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE



TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

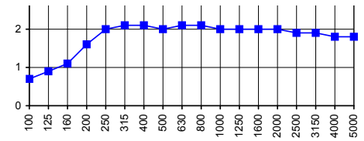


AVAILABLE FINISHES / ACABADOS DISPONIBLES

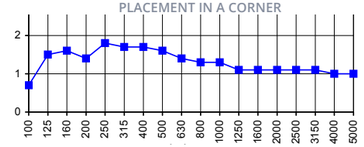
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

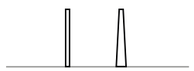


COLOCACIÓN EN MEDIO DE LA SALA
PLACEMENT IN THE CENTER OF THE ROOM



COLOCACIÓN EN ESQUINA
PLACEMENT IN A CORNER







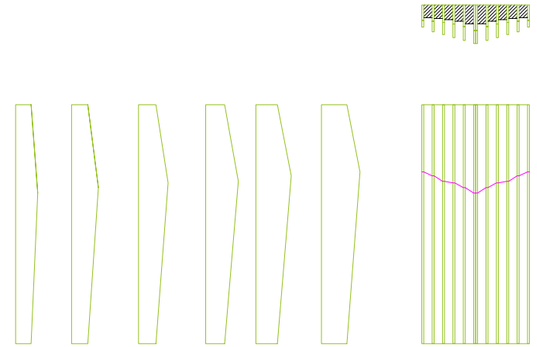






HYBRID

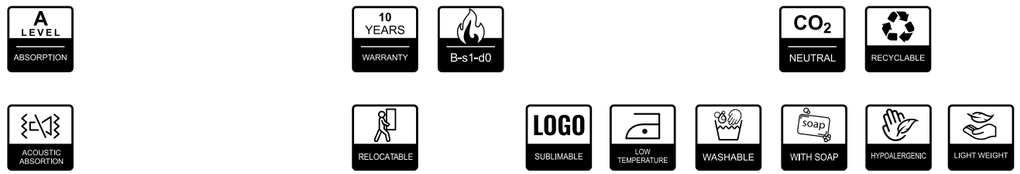
CONSTRUCTION
CONSTRUCCIÓN



DETAILS´ PICTURES / FOTOS DE DETALLE



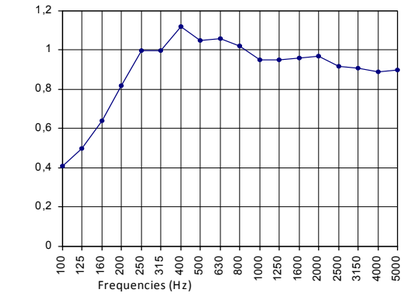
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS

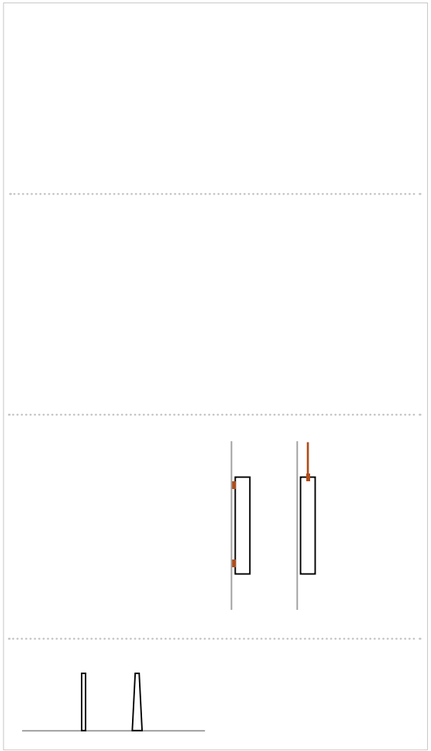


AVAILABLE FINISHES / ACABADOS DISPONIBLES

GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

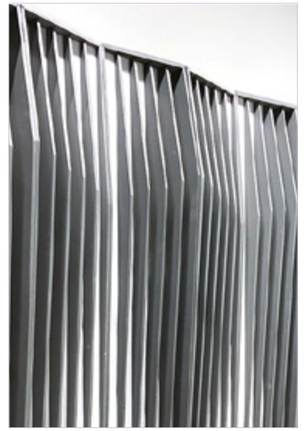












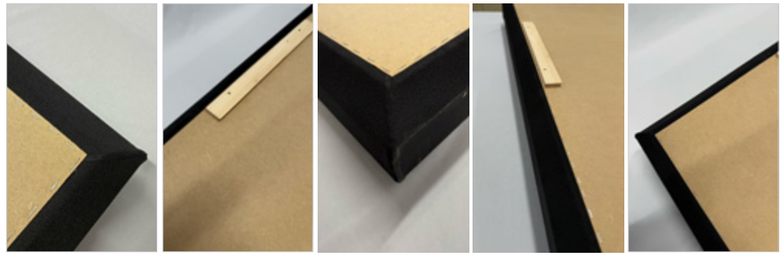


WB HP

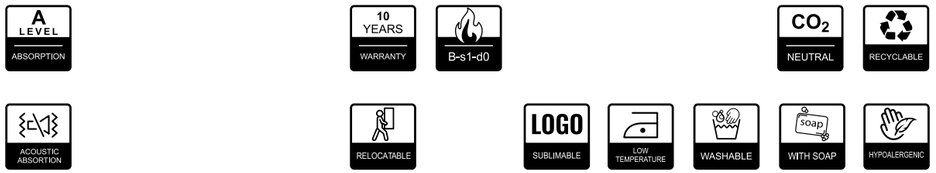
CONSTRUCTION
CONSTRUCCIÓN

PATENTE

DETAILS´ PICTURES / FOTOS DE DETALLE



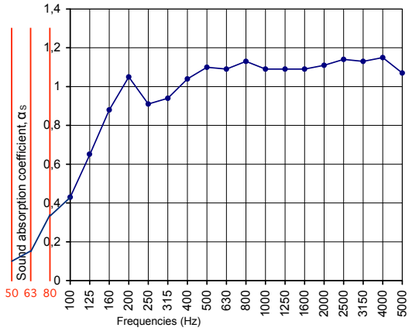
TECHNICAL DATA / CARACTERÍSTICAS TÉCNICAS



AVAILABLE FINISHES / ACABADOS DISPONIBLES

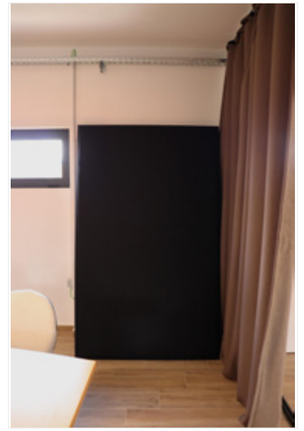
GREY WHITE ILUCS IZZER PX500 PX210 WOOD MDF

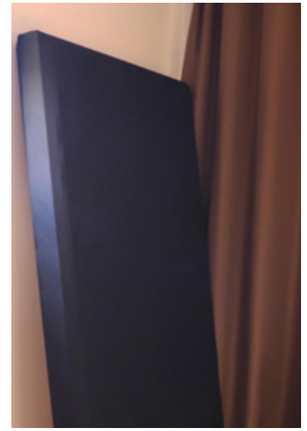


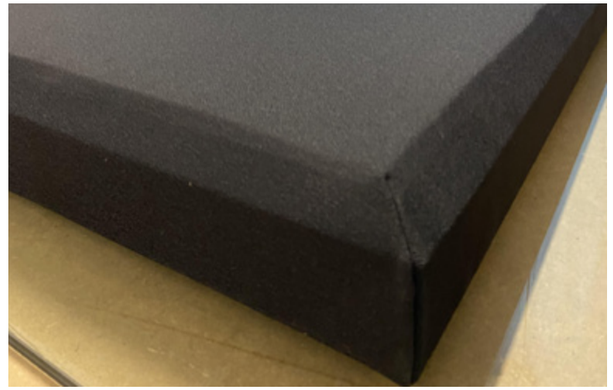




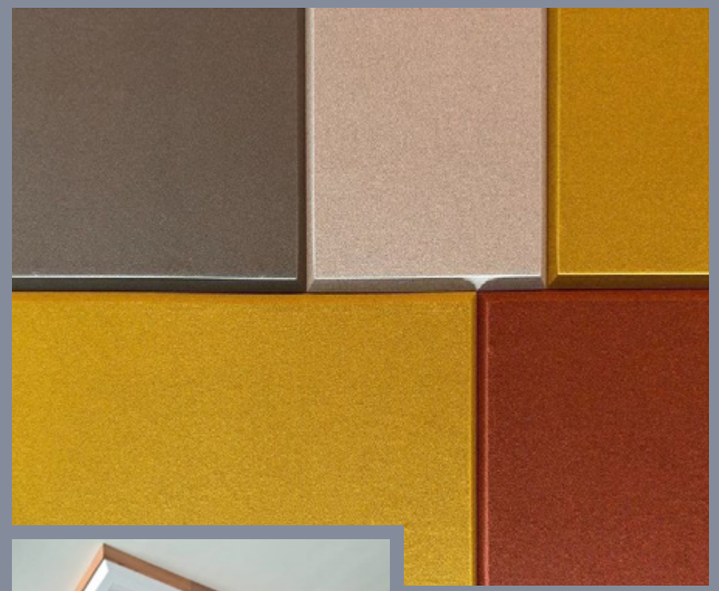






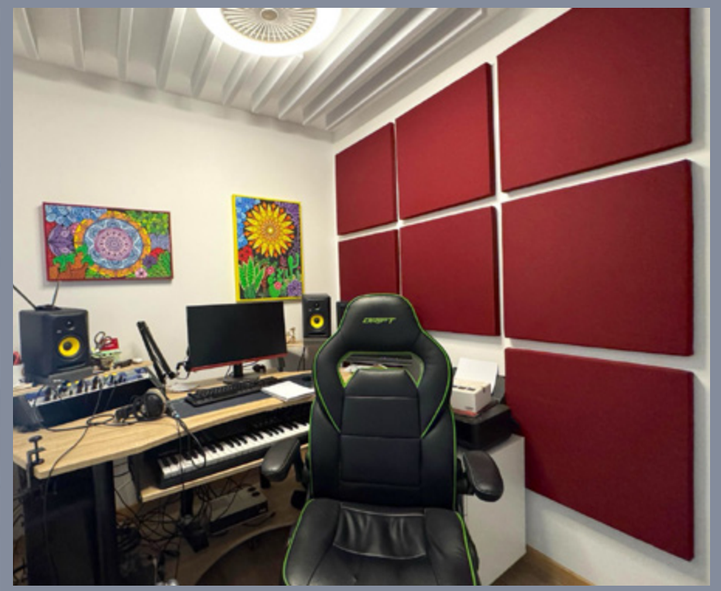


06. FABRIC COVERS





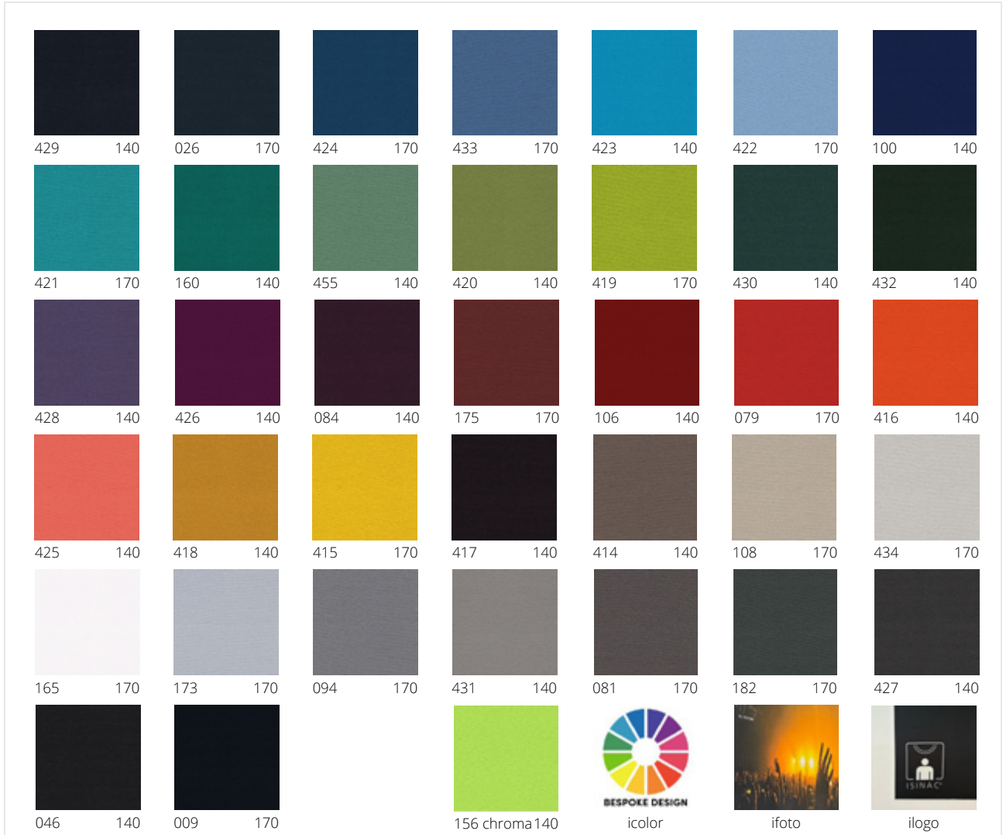








ILUCS



ESPECIFICACIONES TÉCNICAS / TECHNICAL DATA:

- Composición: **100% ® TreviraCS**
  Composition
- Ancho: **170/140 cm.**
  Width
- Gramaje: **265 g/m².**
  Weight
- Garantía: **10 años**
  Warranty
- Espesor: **0,5 mm.**
  Thickness
- Resistencia al fuego: **B-S1-D0**
  Fire resistance
- Solidez luz: **6 (EN ISO 105-B02)**
  Light fastness
- Solidez al rozamiento: **4 (ISO 105 - X12)**
  Friction fastness
- Otras normativas: **Oeko-Tex (11-43686)**
  Other standars
- Lavado: **limpieza con aspiradora o bien lavar con paño húmedo**
  Washing: vacuum cleaning or damp wipe adamp cloth

ILUCS PANTONE LRVs (LIGHT REFLECTANCE VALUES)

CODE	PANTONE*	LRV
LC429	4133 C	7,07
LC026	534 C	6,96
LC424	541 C	5,83
LC433	2137 C	13,96
LC423	2193 C	25
LC422	644 C	31,23
LC100	DARK BLUE C	3,47
LC421	2226 C	21,34
LC160	7474 C	10,61
LC455	2266 C	7,3
LC420	5767 C	25
LC419	3507 C	28,34
LC430	7476 C	6
LC432	5743 C	5,8
LC428	4083 C	14
LC426	241 C	11,4
LC084	519 C	3,08
LC175	208 C	4,48
LC106	1935 C	6,38
LC079	206 C	7,95
LC416	1645 C	32
LC425	2029 C	36,38
LC418	117 C	34,6
LC415	012 C	38,89
LC417	7596 C	5,8
LC414	4046 C	33
LC108	4247 C	39,84
LC434	GRAY 1 C	47,88
LC165	354 C	31,8
LC173	5315 C	40,75
LC094	429 C	22,92
LC431	4239 C	54,96
LC081	424 C	11,32
LC182	445 C	8,31
LC427	4291 C	16
LC046	2336 C	4,42
LC009	6 C	2,4
LC156	802 C	54,93

* Colores Pantone aproximados
* Approximate Pantone color

IZZER



ESPECIFICACIONES TÉCNICAS / TECHNICAL DATA:

- Composición: **100% LANA VIRGEN**
  Composition: 100% VIRGIN WOOL
- Ancho: **140 cm.**
  Width
- Gramaje: **460 g/m²**.
  Weight
- Garantía: **10 años**
  Warranty
- Espesor: **1,75 mm**
  Thickness
- Resistencia al fuego: **C-S1-D0**
  Fire resistance
- Solidez a la luz: **5 (EN ISO 105-B02)**
  Light fastness
- Reciclabilidad: **100% compostable**
  Recyclability
- Lavado: **Aspirado frecuente con un paño húmedo usando agua y jabón. Para una limpieza más profunda usar vapor.**
  Washability: Frequent vacuuming with a damp cloth using soap and water. For deeper cleaning use steam

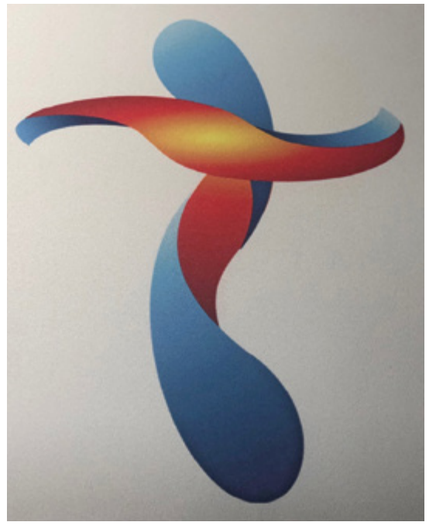
IZZER LRVs (LIGHT REFLECTANCE VALUES)

CODE	LRV
IZ2Q	43,53
IZ47	33,08
IZ86	25,76
IZ31	11,63
IZ67	4,16
IZ2T	5,71
IZ21	3,69
IZ18	9,39
IZ63	6,24
IZ13	6,20
IZ2W	26,37
IZ82	18,40
IZ39	10,56
IZ90	6,84
IZ58	26,37
IZ1F	16,83
IZ1K	12,23
IZ53	20,80
IZ1L	23,74
IZ1N	5,73
IZ12	5,27
IZ33	17,91
IZ3A	14,30
IZ2Z	34,43
IZ02	19,13
IZ3B	8,07
IZ1P	6,16
IZ1R	29,19
IZ2U	12,92
IZ26	5,84
IZ09	3,00
IZ1V	14,90
IZ1Y	4,58
IZ1W	10,68
IZ62	3,65
IZ1E	23,29
IZ1J	13,70
IZ35	4,44
IZ28	39,59
IZ30	6,37
IZ08	1,61

* Colores Pantone aproximados
* Approximate Pantone color

CUSTOM DESIGN













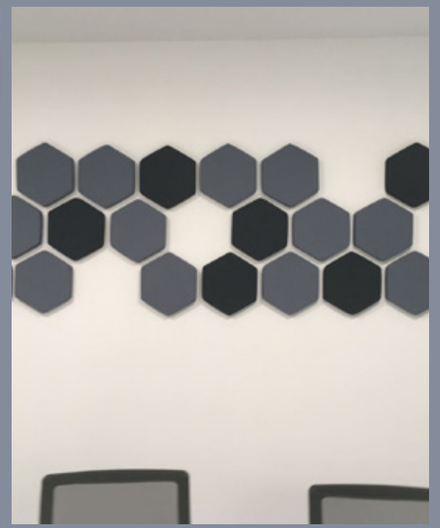




07. INSTALLATION SYSTEMS









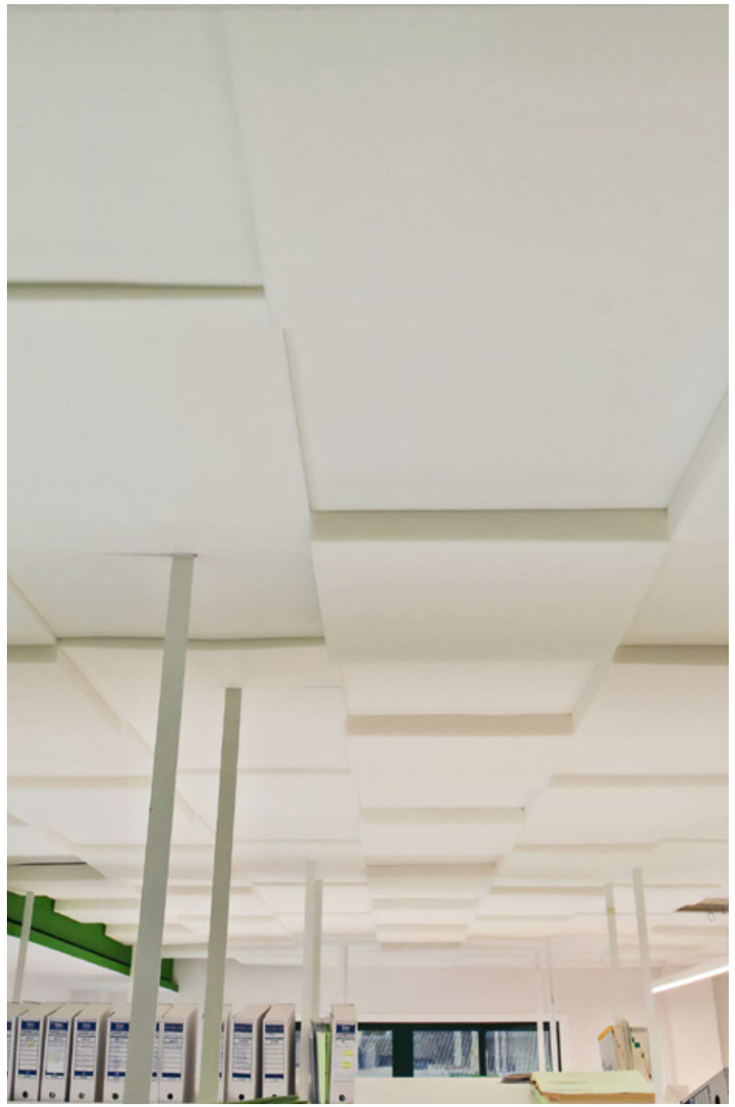








ADHESIVE / ADHESIVO





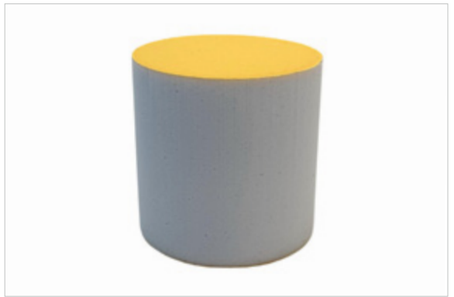
PEEL AND STICK
DESPEGAR Y PEGAR

10
YEARS

GUARANTEE
GARANTÍA



Double adhesive 50 mm.
Doble adhesivo 50 mm.

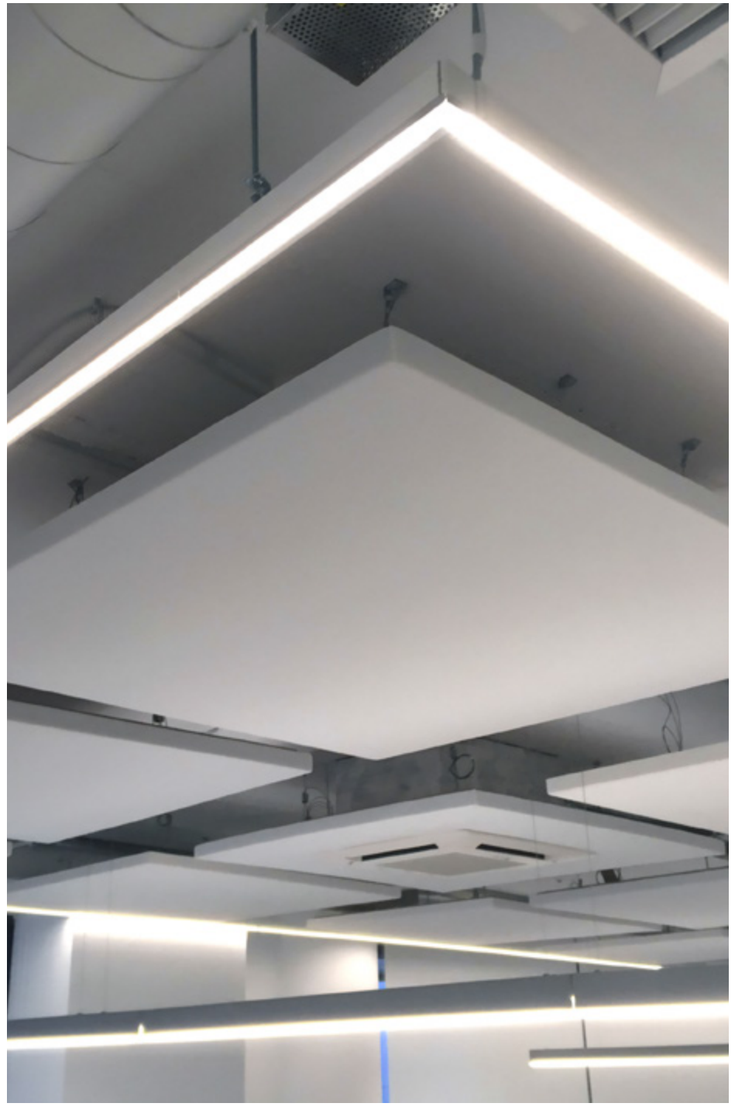


Double adhesive 100 mm.
Doble adhesivo 100 mm.



Rigid foam piece x linear
Pieza rígida para linear

HANGING ACCESORIES / ACCESORIOS CUELGUE





STAINLESS STEAL
ACERO INOX



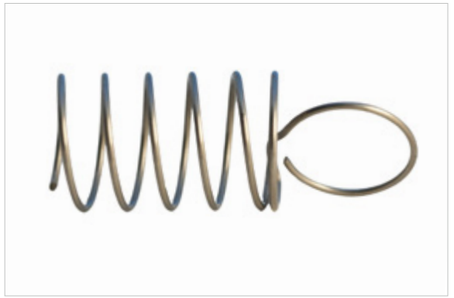
3 METERS



HOLDS +15 KG



READY KITS



Stainless steel spring
Herraje acero inox



Hanging hardware
Herraje cuelgue



Closed ringbolt
Cáncamo cerrado



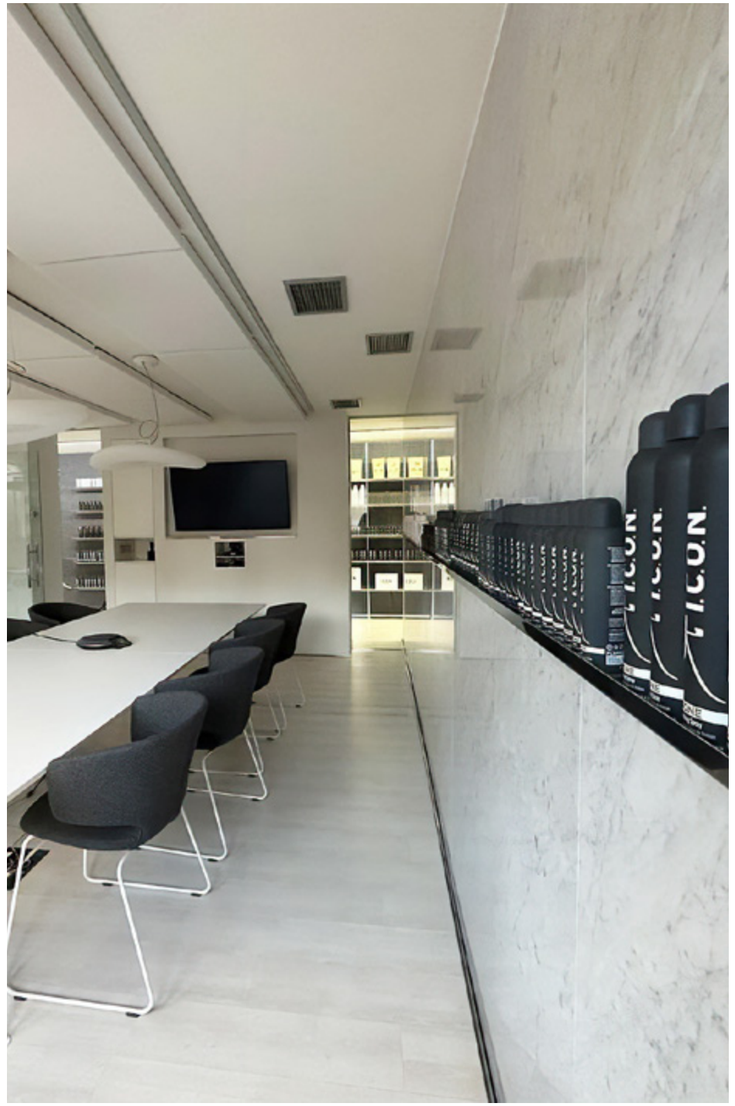
White clip
Clip blanco



Coil cable
Bobina cable

INDEX

MAGNET / MAGNÉTICO





STAINLESS STEAL
ACERO INOX



REMOVABLE
DESMONTABLE



FORCE 4 KG.
FUERZA 4 KG.



READY KITS
KITS LISTOS



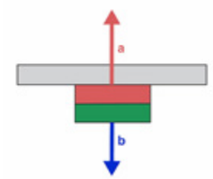
Magnet
Imán



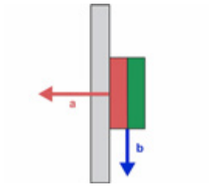
Kits of 1, 2 or 3 magnets
Kits de 1, 2 o 3 imanes



Magnet for linear piece
Imán para pieza linear



Fuerza de carga
Clamping force



Fuerza de desplazamiento
Displacement force

MATERIAL MATERIAL	COMBINACIÓN COMBINATION	FZA. DESPLAZ. DISPLACEMENT FORCE	FZA. CARGA CLAMPING FORCE
NEODIMIO NEODYMIUM	HIERRO-HIERRO IRON-IRON	15%	100%

07. INSTALLATION SYSTEMS

® TENS-TEX PROFILE / ® PERFILES TENS-TEX

https://www.youtube.com/watch?v=8mYckEEqJL4

DESCRIPTION:
Profile system for tensile fabric walls and/or ceilings edge profile. Fabric is to be attached to the profile with a spatula

EASY INSTALLATION:
- Profiles are installed by screwing them into the wall
- Fabric is easy to insert
- Tool to insert the fabric design by ISINAC
- Easily removable fabric so it can be washed and/or changed
- The fabric can be cut and the profile hides the cut part
- The profiles have teeth that pinch and hold the fabric so it does not come loose
- When pulling the fabric for its removal, it becomes loose

PROFILE MATERIAL:
- Uncharged PVC
- Pre-cut for screw insertion

TOOL MATERIAL:
- Stainless steel blade and wood

DESCRIPCIÓN:
Sistema de perfiles para tejido tensado para paredes y/o techos. Perfil de borde. Se suministran en paquetes y disponemos de una herramienta para introducir el tejido.

FACILIDAD DE INSTALACIÓN:
- Instalación atornillada de los perfiles a pared cada 20-25 cm.
- Rapidez en la inserción del tejido
- Herramienta de introducción del tejido
- Fácil desmontaje del tejido para mantenimiento y/o cambiar
- Permite poder cortar el tejido (usar cuchillo térmico) y queda oculto el corte en el perfil
- Los perfiles llevan un dientes que pinzan y aprietan el tejido para que no se suelte
- Al tirar del tejido para su desmontaje, se suelta

MATERIAL PERFIL:
- PVC sin cargas
- Precorte para inserción de tornillos

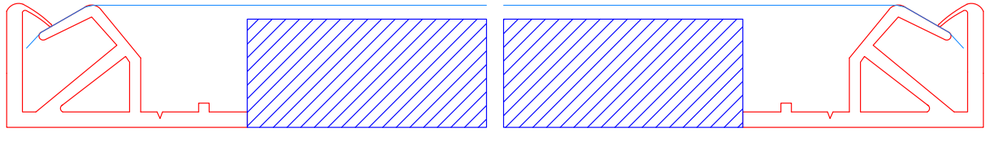
MATERIAL HERRAMIENTA:
- Acero la hoja y madera maciza

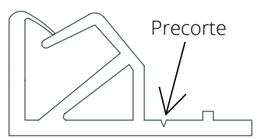


Tenstex hot knife
Cuchillo caliente



Profile scissors
Tijera perfiles



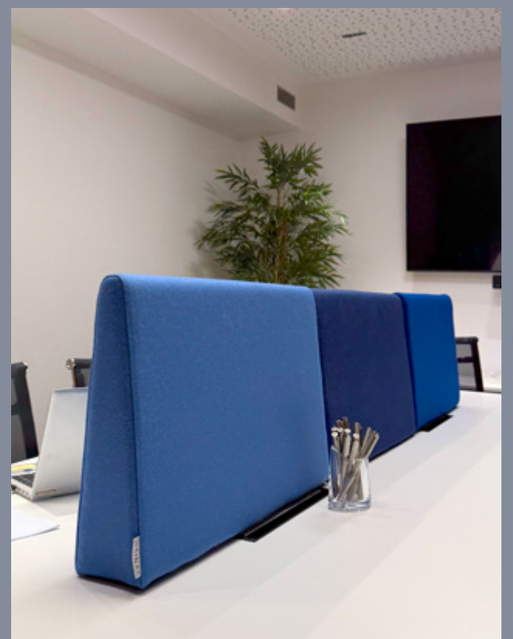




PROFILE / PERFIL



SPATULA / ESPÁTULA







CLEANING AND MAINTENANCE

Cleaning and Maintenance of Fabrics

Regular cleaning is highly recommended to keep fabrics in good condition for longer. Here are some simple guidelines for cleaning:

- Vacuum the fabrics regularly to prevent the build-up of dust and dirt, as these can act as irritants and cause premature wear of the materials.
- Act quickly on stains. Clean up any excess liquid before it soaks in or stains the fabric. If necessary, use a special textile soap or warm water and liquid soap. Do not oversaturate the fabric, especially IZZER wool: always use a clean cloth without excess soapy water.
- For a deeper clean, wool (IZZER) and Trevira CS (ILUCS and) can be dry cleaned or steam cleaned. Trevira CS can also be machine washed if the upholstery is removable.

Cleaning and Maintenance of Foams

Mineral foam is stable under heat sources between -150° and 150°C.

- As it is a very porous material (density 11kg/m^3), it should be vacuumed regularly to prevent dust accumulation in its pores.
- To clean small stains, use a white damp cloth with water and soap. Remove excess water from the cloth before applying it to the foam, as excessive moisture can compromise the foam's absorbent properties.
- It is advisable not to place foam near machines or airflow systems in areas where air currents are present (typically false ceilings, doors, windows, etc.). This very porous material can act as a filter and trap airborne particles.

Cleaning Products

1. Soap and warm water: The best solution for removing small stains. Regular, proper use prevents deeper dirt buildup on ISINAC products and fabrics. Allow upholstery to air dry.

2. Alcohol: Alcohol- and ethanol-based disinfectants are highly effective against bacteria, viruses, and fungi. The brand has tested sprays and 75% alcohol solutions like wipes. These can be used on Trevira CS fabrics.

3. Bleach: A strong oxidizing agent that effectively cleans stains. It is widely available in various concentrations, but should always be diluted before use. For general disinfection, use household bleach (4.5g per 100g of sodium hypochlorite) and follow the manufacturer's instructions: measure the dose, moisten a cloth with the solution, wring out excess liquid, gently wipe the fabric, and allow it to dry. For more intensive cleaning, such as medical disinfection protocols, a 1:4 bleach-to-water solution can be used. Follow the manufacturer's guidelines and apply using the same method. Use bleach only on Trevira CS fabric. DO NOT use it on natural fiber fabrics such as IZZER wool.

4. Steam: A chemical-free cleaning method when the right combination of temperature and pressure is used. Temperatures should be around 180°C with pressures up to 150 Psi. Suitable for use on wool and Trevira CS polyester.

Important:

The ISINAC fabric range is designed to withstand regular cleaning and maintenance. We recommend following these cleaning instructions and always conducting a spot test in an inconspicuous area of the material first. Methods outside this guide may void any warranty provided by ISINAC.

The information provided is based on technical research and testing conducted by the company or by third-party certified laboratories. Cleaning may affect textiles in three main ways:

- Colorfastness
- Color performance
- Flammability performance and material strength

All of these characteristics may be affected by the frequency of cleaning.

08. LIMPIEZA Y MANTENIMIENTO

Limpieza y mantenimiento de tejidos.

La limpieza regular es muy recomendable para mantener las telas en buen estado durante más tiempo. Estas son algunas pautas sencillas para su limpieza:

- Aspiren las telas regularmente para evitar la acumulación de polvo y suciedad, ya que pueden actuar como agravante y provocar que las telas se desgasten antes de tiempo.
- Actuar sobre las manchas rápidamente. Limpiar cualquier exceso de líquido, antes de que se impregnen o manchen el tejido. Si es necesario, utilice jabón especial para textiles o agua tibia y jabón líquido. No sobrecargar los textiles, especialmente la lana IZZER: emplear siempre un paño limpio y sin excedente de agua jabonosa.
- Para una mejor limpieza, la lana (IZZER) y el Trevira CS (ILUCS) se pueden limpiar en seco o con vapor. El Trevira CS también se puede lavar a máquina si la tapicería es desenfundable.

Limpieza y mantenimiento de espumas

La espuma mineral es inalterable a fuentes de calor entre -150° y 150° centígrados.

- Al ser un material muy poroso (peso 11kg/m^3), conviene aspirarlo regularmente para evitar que su poro se llene de polvo.
- Para limpiar pequeñas manchas, se puede emplear un paño blanco húmedo con agua y jabón. Se debe eliminar el excedente de agua del paño antes de aplica sobre la espuma, ya que si se moja pierde propiedades absorbentes.
- Es recomendable no colocar la espuma cerca de máquinas o flujos de aire en sitios donde se produzcan corrientes (normalmente falsos techos, puertas, ventanas, etc.). Es un material muy poroso que puede actuar de filtro, quedando partículas depositadas en el material.

Productos de limpieza

1. Jabón y agua tibia: Son la mejor solución para eliminar pequeñas manchas. Su uso correcto de forma regular previene la formación de suciedad más incrustada en los productos y tejidos ISINAC. Deje secar la tapicería.

2. Alcohol: Los desinfectantes a base de alcohol y etanol son altamente eficaces contra baterías, virus y hongos. La marca ha realizado pruebas con spray o soluciones de 75% alcohol como toallitas húmedas. Se pueden emplear con tejidos Trevira CS.

3. Lejía: Es un potente agente oxidante que limpia manchas de forma eficaz. Está disponible en múltiples establecimientos en distintas concentraciones pero siempre conviene diluirla antes de su uso. Para una desinfección general use una lejía doméstica (4,5g por cada 100g de hipoclorito sódico) y siga las instrucciones del fabricante: mida la dosis requerida, moje un paño en la solución y retire el excedente de líquido. Limpie suavemente el tejido y deje secar. Para una limpieza más exhaustiva como en protocolos de desinfección sanitaria es posible utilizar una disolución 1:4 de lejía en agua. Observe las pautas del fabricante y aplique el mismo procedimiento descrito anteriormente a la hora de limpiar el producto. Use lejía con tejido Trevira CS, NO usar en tejidos de fibras naturales como la lana IZZER.

4. Vapor: Es una limpieza libre de químicos si se emplea la combinación adecuada de temperatura y presión. Las temperaturas deben rondar los 180° y presiones de hasta 150Psi. Uso en lana y poliéster Trevira CS.

Importante:

La gama de tejidos ISINAC se ha desarrollado para soportar el mantenimiento y limpieza regular. Recomendamos seguir estas instrucciones sobre limpieza y realizar primero pruebas puntuales en una parte discreta del material. Métodos fuera de esta guía y recomendaciones pueden invalidar y anular cualquier garantía por parte de ISINAC.

La información aquí contenida se basa en la investigación técnica y pruebas realizadas por la propia compañía o en laboratorios técnicos certificados por terceros. Esta limpieza puede afectar a los textiles en tres características principales:

- resistencia al color.
- rendimiento al color.
- rendimiento de inflamabilidad, y debilitamiento del material.

Todo estas características podrían verse afectadas por la frecuencia con la que se lleva a cabo esta limpieza.

WARRANTY POLICY

• Every product is supplied fit for its purpose, as it is told in the specifications.

• Every product applies the established technical specifications in force at the time of manufacture.

• ISINAC reserves the right to review the products to see if they have been used, unpacked, transported and installed according to good practices.and the GSC.

What products do the warranty include? All of them

1. Mineral foam – 10 years of warranty (using it according to the installation manual and the technical sheet)

a. Grey +:
  i. Blowing
    1. Front and edges:
      a. ø a 5mm: unlimited
      b. ø 10-15mm: < 10ud piece
      c. ø 15-25mm: < 2ud piece D
    2. Back: unlimited in quantity and size.
  ii. Dimensional tolerances
    1. Long and width: 3-5mm
    2. Thickness: 2-3mm

b. White:
  i. Blowing
    1. Front and edges:
      a. ø a 7mm: unlimited
      b. ø 7-16mm: < 12ud piece
      c. ø 16-25mm: < 4ud piece D
    2. Back: unlimited in quantity and size.
  ii. Dimensional tolerances
    1. Length and width: up to 7 mm per metre
    2. Thickness: up to 4 mm

c. The mineral foam warranty is conditional to the use and maintenance.
  i. It should not be exposed to temperatures above 100 degrees Celsius for more than 5 hours.
  ii. It should not be in contact with sources of dust, liquids, oils... since being a porous material (99.7% air) it will get dirty, wet,...

2. WB - 10 vears of warranty (using according to the installation manual and the technical sheet)

Dimensional tolerances up to 3 mm

3. Adhesive:

a. normal temperature – 100gr/m2 – (less than 45 degrees) - (installation according ISINAC manual) – 10 years warranty.
b. High temperature – 200gr/m2 - (greater than 45 degrees and less than 50 degrees) – (installation according ISINAC manual) – 10 years warranty.

4. Fabric

a. ILUCS 10 years warranty

b. IZZER 10 years warranty

c Discoloration material
  i. The guarantee does not apply in case of discoloration. However, most of the products and materials have been properly protected to maximize the durability of the color. (see color durability tests) resistance according to standard of 5-6 (scale of 1-6)

d. Low resistance to natural light of our fabrics. They are for indoors. Resistance according to standard between 2-3 (scale from 1 to 6)

In which cases would the guarantee not apply?

• If the product were disrupted or cut by any other person or company no authorized.
• Wrong installation (It is suggested to watch our installation manuals and/or videos to each product)
• Wrong unboxing.
• Wrong use of the material (intentional stains, scrapes, etc.)
• Exposure to extreme weathers.
• Exposure to harmful cleaning, bad maintance or lack of cleaning.

How to validate the warranty of your product?

1. The product must be in the warranty term.
2. The warranty starts to count from the invoice date.
3. To process a guarantee, you must send an email to info@isinac.com or contact the salesperson who attended you. With the following information:

Name:
Phone number:
Nº Invoice:
Nº Order:
Product wich is failing:
Short description of the fail:
Photos:



CONDICIONES GENERALES DE GARANTÍA

• Todo el producto se suministra apto para su propósito, como se indica en las especificaciones.

• Todo producto cumple con las especificaciones técnicas establecidas vigentes en el momento de la fabricación.

• ISINAC se reserva el derecho de revisar los productos para ver si han sido usados, desembalados, transportados e instalados según las buenas prácticas y las CGV.

¿Qué productos incluyen garantía? Todos.

1. Espuma mineral – 10 años de garantía (usado según manual de instalación y ficha técnica):

a. Gris +:
  i. Sopladuras
    1. Frente y bordes:
      a. Ø a 5mm: ilimitado.
      b. Ø 10-15mm: < 10ud pieza.
      c. Ø 15-25mm: < 2ud pieza D.
    2. Dorso: ilimitado en cantidad y tamaño.
  ii. Tolerancias dimensionales
    1. Largo y ancho: 3-5mm.
    2. Espesor 2-3mm.

b. Blanca:
  i. Sopladuras
    1. Frente y bordes:
      a. Ø a 7mm: ilimitado.
      b. Ø 7-16mm: < 12ud. pieza.
      c. Ø 16-25mm: < 4ud. pieza D.
    2. Dorso: ilimitado en cantidad y tamaño.
  ii. Tolerancias dimensionales
    1. Largo y ancho: por cada metro, hasta 7mm
    2. Espesor: hasta 4mm

c. La garantía de la espuma mineral está condicionada a su uso y mantenimiento.
  i. Debe no exponerse a temperaturas superiores a 100 grados centígrados por un tiempo superior a 5 horas.
  ii. No debe estar en contacto con fuentes de polvo, líquidos, aceites... dado que al ser un material poroso (99,7% de aire) se ensuciará, mojará...

2. WB - 10 años de garantía (usado según manual de instalación y ficha técnica)

Tolerancias dimensionales hasta 3mm

3. Adhesivo:

a. TTª normal – 100gr/m2 - (inferior a 45 grados) – (instalación según manual ISINAC) – 10 años de garantía.

b. Alta TTª – 200gr/m2 – (superior a 45 grados e inferior a 50 grados) – (instalación según manual ISINAC) – 10 años de garantía.

4. Tejido:

a. ILUCS 10 años de garantía

b. IZZER 10 años de garantía

c. Decoloración del material
  i. La garantía no se aplica en caso de la descoloración. Sin embargo, la mayoría de los productos y materiales ha sido debidamente protegidos para maximizar la durabilidad del color. (ver ensayos de durabilidad de color) resistencia según norma de 5-6 (escala de 1-6).

d. Resistencia a luz natural baja de nuestros tejidos. Son para interior. Resistencia según norma entre 2-3 (escala de 1 a 6).

¿En qué casos no procedería la garantía?

• Si el producto fue alterado o cortado por cualquier persona o empresa no autorizada.
• Mala instalación (te recomendamos ver nuestros manuales de instalación y/o videos para cada una de los productos).
• Mal desempaque.
• Mal uso de la misma (manchas intencionales, raspaduras etc.).
• Exposición a climas extremos.
• Exposición a limpieza dañina, mal mantenimiento o no limpiarlo.

¿Cómo hacer válida la garantía de su producto?

1. El producto debe encontrarse dentro del periodo de garantía.

2. La garantía comienza a correr a partir de la fecha de fabricación

3. Para tramitar una garantía, deberá enviar un correo a info@isinac.com o ponerse en contacto con el comercial que le atendió. Con la siguiente información:

Nombre:
Teléfono:
de Factura:
de pedido:
Producto que está fallando:
Descripción breve de la falla:
Fotografías:

GENERAL INSTALLATION CONDITIONS

Ideas about where to install:

- Far from dust and dirt sources.
- If it is known that the last point is going to happen, It is better to choose the panels with washable ILUCS fabric.
- Taking care of the lighting angles in order to not create shadows or decrease the lumens in places with work tables.
- Get away from heat sources above 50 degrees.
- If material is hanging and there is environmental sound as it happens in a disco pub or a party room, the material could vibrate with decibels higher than 80dB, as a consequence in these cases is better to adhesive it or use it with WB solutions.
- The panels can´t be cut by any person external to ISINAC or out of the ISINAC premises. In case this happens, the panels would stop being covering by the ISINAC warranty.

Foam without adhesive – 570.570.33mm Grey without adh. Boxes of 40ud

- It is for hanging. It could be bought the hang accessory: spring, cable.
- If it is going to be stuck on , ISINAC does not take responsibility about how it is stuck on.
- If it is required the stuck panel guarantee it must be order another type of product code like the 570.570.40mm.G.Adh

Grey foam with adhesive.

- Suitable for any type of environments except turkish baths and rooms where the cleaning is done using mechanics ways like direct water or similar.
- The adhesive can be been protected by a yellow or brown layer.
  Yellow
  - Resistant to temperatures below 40 °C.
  - Most ISINAC pieces.
  - 80gr of adhesive.

  Brown
  - Resistant to temperatures below 50 °C.
  - Always the ISINAC LINEAR piece
  - 200gr of adhesive.
- It is flexible as a consequence for its hanging use the anchors should be placed (in number and space between them) as it is drawn in the catalogue and in the price list
- Because of its flexibility it can suit itself to irregular surfaces.
- It cannot be cut by personnel outside ISINAC or outside ISINAC facilities. If this were the case, the piece would no longer be covered by the ISINAC guarantee..
- The adhesive is a contact adhesive so the panel can´t be placed in a surface and then move it. It doesn´t allow movement or re-placement. Once the adhesive protective layer is removed the piece must be installed before 10 minutes, othewise it will lose Isinac's guarantee.

White foam with adhesive

- Suitable for any type of environments except swimming pools or wet environmets; furthermore turkish baths and rooms where the cleaning is done using mechanics ways like direct water or similar.
- The adhesive can be been protected by a yellow or brown layer.
  Yellow
  - Resistant to temperatures below 40 °C.
  - Most ISINAC pieces.
  - 80gr of adhesive.

  Brown
  - Resistant to temperatures below 50 °C.
  - Always the ISINAC LINEAR piece
  - 200gr of adhesive.
- It is flexible as a consequence for its hanging use the anchors should be placed (in number and space between them) as it is drawn in the catalogue and in the price list
- Because of its flexibility it can suit itself to irregular surfaces.
- It cannot be cut by personnel outside ISINAC or outside ISINAC facilities. If this were the case, the piece would no longer be covered by the ISINAC guarantee..
-The piece must be installed before 10 minutes, othewise it will lose Isinac's guarantee.
- The white color foam has +/- thickness from 7 to 15kg, depending on the fact if the panel is from the core or from the edges of the original block, as a consequence when it

CONDICIONES GENERALES DE GARANTÍA

Nociones sobre dónde instalar:

- Alejado de fuentes de polvo y suciedad
- Si se sabe que vamos a tener lo anterior mejor con funda lavable ILUCS.
- Cuidado con los ángulos de la iluminación para no crear sombras o reducir los lúmenes en superficies como mesas de trabajo.
- Alejar de fuentes de calor superiores a 45 grados.
- Si va colgado y hay sonido ambiente como discoteca o sala de fiestas, el material puede vibrar con decibelios superiores a 80dB, con lo que es mejor adhesivarlo o usarlo con soluciones WB.
- No se puede cortar por personal ajeno a ISINAC o fuera de las instalaciones de ISINAC. Si así ocurriese la pieza dejaría de estar cubierta por la garantía de ISINAC.

Espuma sin adhesivo – 570.570.33mm Gris sin adh. En caja de 40ud

- Es para colgar. Se puede adquirir el accesorio de cuelgue: muelle, cable.
- Si se va a pegar ISINAC no se responsabiliza de cómo se pegue.
- Si se quiere garantía de pegado hay que adquirir otro código de producto como el 570.570.40mm G Adh.

Espuma con adhesivo Gris

- Válida para todo tipo de ambientes excepto baños turcos, salas de limpieza en donde la limpieza sea por medios mecánicos con agua directa y similares.
- El adhesivo puede estar protegido por una lámina amarilla o marrón.
  Amarillo
  - resistente a temperaturas inferiores de 45º.
  - mayoría de las piezas de ISINAC.
  - son 80gr de adhesivo.

  Marrón
  - Resistente a temperaturas inferiores de 50º.
  - Siempre en pieza LINEAR de ISINAC.
  - Son 200gr de adhesivo.

- Es flexible por ello para su uso colgado debe llevar los herrajes de cuelgue donde aparecen en la tarifa y en el manual de instalación, en número y distancia.
- Por su flexibilidad se puede adaptar a las superficies irregulares.
- No se puede cortar por personal ajeno a ISINAC o fuera de las instalaciones de ISINAC. Si así ocurriese la pieza dejaría de estar cubierta por la garantía de ISINAC.
- El adhesivo es de contacto por ello no se puede colocar en la superficie y mover. No admite movimiento o recolocación. Y una vez retirada la lamina de protección disponemos de 10 minutos antes del comienzo de la oxidación del adhesivo. Si nos dilatamos mas de 10 minutos en la colocación la pieza dejaría de estar cubierta por la garantía de ISINAC.

Espuma con adhesivo Blanca

- Válida para todo tipo de ambientes excepto piscinas u ambientes húmedos, además de baños turcos, salas de limpieza en donde la limpieza sea por medios mecánicos con agua directa y similares.
- El adhesivo puede estar protegido por una lámina amarilla o marrón.
  Amarillo
  - resistente a temperaturas inferiores de 45º.
  - mayoría de las piezas de ISINAC.
  - son 80gr de adhesivo.

  Marrón
  - Resistente a temperaturas inferiores de 50º.
  - Siempre en pieza LINEAR de ISINAC.
  - Son 200gr de adhesivo.
- Es flexible por ello para su uso colgado debe llevar los herrajes de cuelgue donde aparecen en la tarifa y en el manual de instalación, en número y distancia.
- Por su flexibilidad se puede adaptar a las superficies irregulares.
- No se puede cortar por personal ajeno a ISINAC o fuera de las instalaciones de ISINAC. Si así ocurriese la pieza dejaría de estar cubierta por la garantía de ISINAC.
- El adhesivo es de contacto por ello no se puede colocar en la superficie y mover. No admite movimiento o recolocación. Y una vez retirada la lámina de protección disponemos de 10 minutos antes del comienzo de la oxidación del adhesivo. Si nos dilatamos más de 10 minutos en la colocación la pieza dejaría de estar cubierta por la garantía de ISINAC.
- La espuma de color blanco tiene un +/- densidad de 7 a 15kg dependiendo de si es núcleo o bordes del bloque matriz, por ello a la hora de hacer la instalación puede notarse un cambio de densidad al cogerla o apretarla contra la superficie.

Cortinas:

- Suministramos rieles, no barras.
- Se suministra con arandelas o con ganchos para raíles.
- Se suministran en tramos de:
  - 1,65m de ancho para el tejido ILUCS.
  - 1,35m de ancho para el tejido IZZER.

is going to be installed it can be noticed some changes in the thickness when the panel is taken or when it is pressed against the surface

Curtains:

- ISINAC doesn´t supply the bars and neither the rails.
- They are supplied with washers or rail hooks.
- They are supplied in sections of:
  - 1,65m width for ILUCS fabric.
  - 1,40m width for IZZER fabric.
- The height is variable and it is custom made for each order.
- Always is charged complete m2.
- In the edges they have zippers for joining the sections, in order to set up or break down in an easy way, simplify the cleaning and maintenance, etc.
- The curtain panel is 25%, for a 1m gap, 1.25m of curtain length is needed, as it has been tested. (see with Mark)
- The distance from the test wall is 10cm from the axis of the rod. There are 3cm from the outer edge of the curtain.
- The separation from the trial´s wall id 10cm from the axis of the bar. From outside of the curtain there are 3cm.
- For a correct cleaning, please, to read the GC of cleaning and maintenance.

Tens-tex:

- It is supplied with:
  - Mineral foam.
  - Tens-tex profiles.
  - ILUCS or IZZER fabric for public use rooms.
  - It could be bought apart accessories for the installation:
    - Spatula.
    - Hot knife.
    - Profile scissors.
- It is supplied in sections of:
  - 1,6/1,3m width for ILUCS fabric maximum length 50ML.
  - 1,3m width for IZZER fabric maximum length 30ML.
- The quantity of profile which is needed to order is the client responsibility. The length of the profile is 2m and it goes in packages of 25 units. ISINAC can help to do the comment of the layout and the calculations of how many meters of the profile are needed. Each 25 units of profile go in one cylindrical box and it counts as 1 only package.
- It is always charged complete ML for the fabric and the profile, the foam is charged by units.
- For correct cleaning to read the GC of cleaning and maintenance.
- The foam has 14mm thickness.
- The fabric can be placed vertically, in this way for each maximum width of fabric minus 10cm, requiring a vertical profile. However, if it is placed horizontally, the joints will occur horizontally.
- For each
  - Wall pillar, it is needed 4 x the number of profiles needed.
  - Door in a wall, it is needed 3 x the number of profiles needed.
  - Window in a wall, it is needed 4 x the number of profiles needed.
  - Plug, mechanism, etc. It is better to manufacture a board as it shows. in the installation video, fireproof MDF board.

- La altura es variable y se hace a medida para cada pedido.
- Siempre se cobran m2 completos.
- En los extremos llevan cremalleras para unir piezas, montar y desmontar con facilidad, para que la limpieza y mantenimiento sea sencillo, etc.
- El pliego de la cortina es un 25%, para una medida de 1m de hueco se necesita 1,25 de largo de cortina, es así como esta ensayada.
- La separación a la pared de ensayo es 10cm desde eje de barra. Desde exterior de cortina quedan 3cm.
- Para una correcta limpieza ver las CG de limpieza y mantenimiento.

Tens-tex:

- No suministramos la base de anclaje.
- Se suministra con:
  - Espuma mineral.
  - Perfil tens-tex.
  - Tejido ILUCS, IZZER para uso público.
- Se puede adquirir a parte accesorios de instalación:
  - Paleta.
  - Cuchillo caliente.
  - Tijera perfiles.
- Se suministran en tramos de:
  - 1,6/1,3m de ancho para el tejido ILUCS largo máximo 50ml.
  - 1,3m de ancho para el tejido IZZER largo máximo 30ml.
- La cantidad de perfil necesario es responsabilidad del cliente saber cuanto pedir, el largo del perfil es de 2m y va en paquetes de 25ud. En ISINAC podemos ayudar a hacer el despiece y calcular los metros necesarios de perfil a usar. Cada 25ud de perfiles van en una bobina de cartón y cuenta como un bulto de envío.
- Siempre se cobran ml completos de tejido y perfil, la espuma por unidades.
- Para una correcta limpieza ver las CG de limpieza y mantenimiento.
- La espuma tiene un espesor de 14mm.
- Se puede colocar en vertical el tejido, de esta manera por cada ancho máximo de tejido menos 10cm necesitará un perfil vertical. Sin embargo si se coloca en horizontal las juntas se producirán horizontalmente.
- Por cada
  - pilar en una pared se necesitan 4 x el número de perfiles necesarios.
  - puerta en una pared se necesitan 3 x el número de perfiles necesarios.
  - ventana en una pared se necesitan 4 x el número de perfiles necesarios.
  - enchufe, mecanismo, etc mejor fabricar una tabla como aparece en el vídeo de instalación, tabla de DM ignífugo.

ADHESIVE / ADHESIVA

https://bit.ly/45bsxuJ

HANGING / COLGADA

https://bit.ly/4mL3zZH

MAGNET / MAGNÉTICA

https://bit.ly/43PTCl1

TENS-TEX

https://bit.ly/442i4AG

ISINAC

isinac.com

info@isinac.com

instagram.com/i.s.i.n.a.c

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