



TECHNICAL DATA SHEET

PANEL ILUCS ADHESIVE 40 mm

Absorbent panel of 40 mm with a mineral foam core and ILUCS on the visible face and edges, with built-in self-adhesive: the siliconized paper is removed and it is glued onto the wall or ceiling, without tools or profiles.



0,85 (H)

weighted absorption
EN ISO 11654



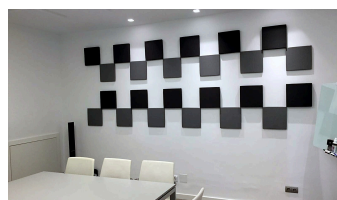
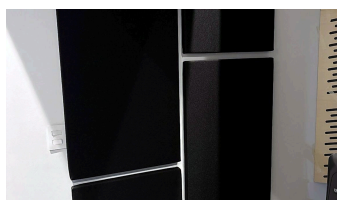
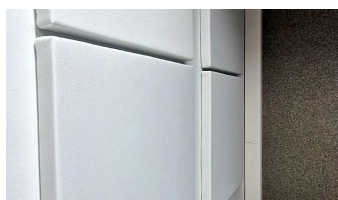
C-s2,d0

reaction to fire
EN 13501-1:2018



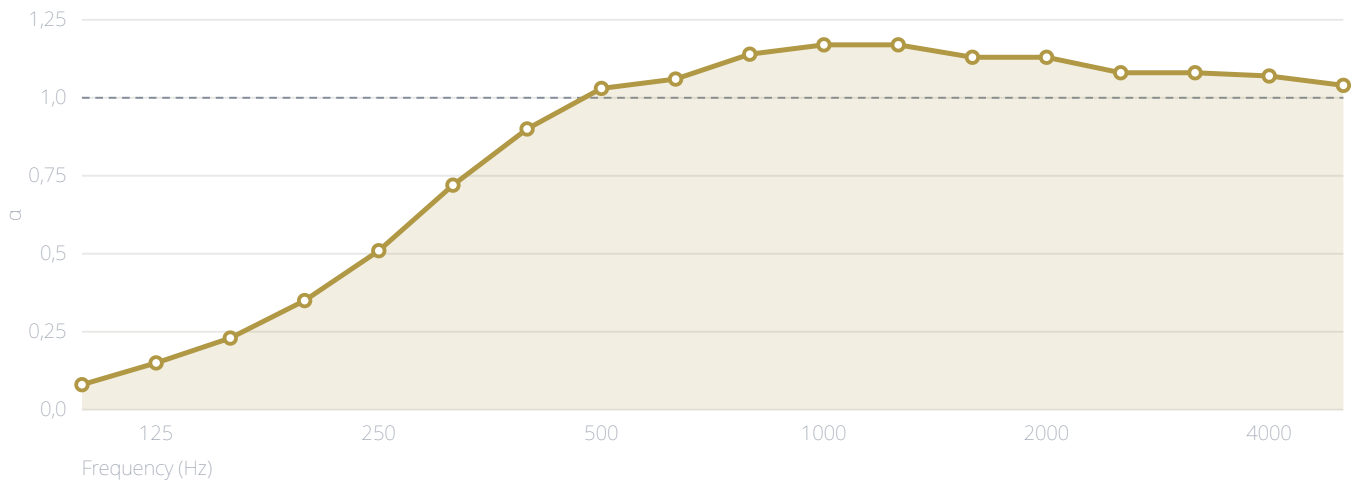
40 mm

of the assembly



~||| Acoustic absorption

Reverberation room test according to EN ISO 354:2003 (measurement) · EN ISO 11654:1997 (evaluation) · Fundación Tecnalia Research & Innovation — test at the Quality Control Laboratory for Buildings of the Basque Government, Agirrelanda 10, Vitoria-Gasteiz. Accreditation ENAC No. 4/LE456. Notified Body 1292 (EU Regulation 305/2011). · report B2018-LACUS-IN-27 II (test result B2018-27-M542) (26/07/2018). Mounting type A of Annex B of EN ISO 354:2003. Test specimen: configuration of ISINAC C.610.40 ADH panels (610 x 610 x 40 mm) placed on the floor of the reverberation room (rigid surface), spaced 30 mm apart, with the fabric face exposed to the sound. Covered area S = 12,08 m². Room volume 209,6 m³. Test date 10/07/2018.



α_w 0,85 (H)

Weighted absorption coefficient, according to EN ISO 11654. It is the single value used for specification.

NRC 0.95

Average of the 250, 500, 1000 and 2000 Hz bands. Standard reference in North American projects.

HZ	125	250	500	1000	2000	4000
α _s	0,15	0,51	1,03	1,17	1,13	1,07

Absorption coefficient at reference frequencies, ready to be entered into the room reverberation calculation.

🔥 Reaction to fire

C-s2,d0

EN 13501-1:2018 · Tecnalia R&I Foundation, Área Anardi 5, 20730 Azpeitia (Gipuzkoa). Accreditation 4/LE024. Tests according to EN 13823:2010+A1:2014 (SBI) and EN ISO 11925-2:2010/AC:2011., ref. 080046-001-2-a (classification) · 080046-001-1-a (test report) (12/06/2019)

Classification issued by an independent laboratory on the tested product according to EN 13501-1:2018.

Composition, layer by layer

LAYER	MATERIAL	COMPOSITION	GRAMMAGE / DENSITY	POSITION
1	ILUCS	100 % polyester Trevira CS	265 g/m ² , thickness 0,6 mm	exposed side and 4 edges, with 2 cm of fabric glued around the perimeter of the rear face
2	Mineral foam core	open cell mineral foam	40 mm thick, nominal density 9 kg/m ³ ±16 % (ISO 845)	absorbent core
3	Self-adhesive	self-adhesive with mesh	80 g/m ²	hidden side (rear): mounting self-adhesive
4	Siliconized paper	protective siliconized paper	0,05 kg per declared unit (1 m ²)	protects the adhesive until installation; removed when bonding

Assembly thickness: 40 mm.

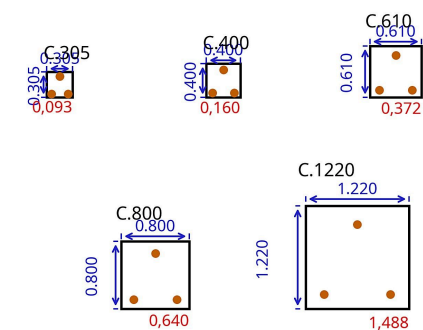
Color

ILUCS in the color chart of ISINAC (LC codes) Fabric width 140 or 170 cm depending on color. Also allows customization by sublimation with logos, photos or Pantone colors.

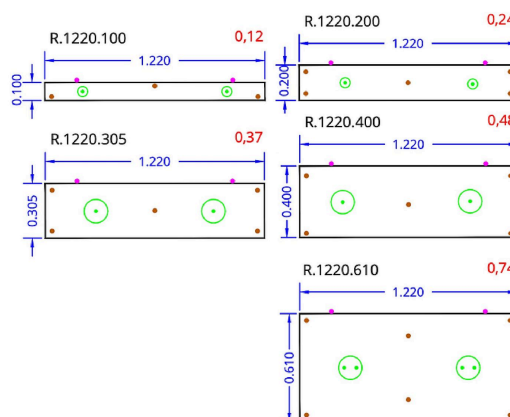
Dimensions and installation

 Square	305 x 305 mm · 40 mm · 400 x 400 mm · 40 mm · 610 x 610 mm · 40 mm · 800 x 800 mm · 40 mm · 1220 x 1220 mm · 40 mm
 Rectangle	1220 x 100 mm · 40 mm · 1220 x 200 mm · 40 mm · 1220 x 305 mm · 40 mm · 1220 x 400 mm · 40 mm · 1220 x 610 mm · 40 mm
 PILL	610 x 305 mm · 40 mm · 1220 x 305 mm · 40 mm · 800 x 400 mm · 40 mm · 1220 x 400 mm · 40 mm
 TRISMA	610 x 407 mm · 40 mm · 800 x 533 mm · 40 mm · 1220 x 813 mm · 40 mm
 Hexagon	Ø 305 mm (circumscribed circle) · 40 mm · Ø 610 mm (circumscribed circle) · 40 mm · Ø 1220 mm (circumscribed circle) · 40 mm
 Circle	diameter 305 mm · 40 mm · diameter 400 mm · 40 mm · diameter 610 mm · 40 mm · diameter 800 mm · 40 mm · diameter 1220 mm · 40 mm
 Custom-made	variable geometry according to ISINAC design

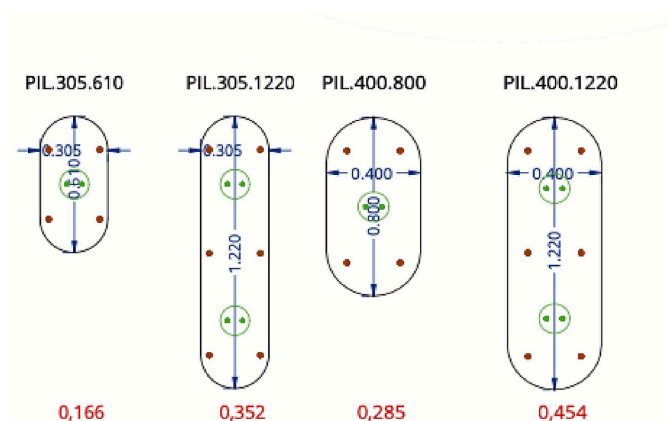
Dimensions in meters. The dots mark the mounting anchors; the number in red is the surface area of the piece in m². All formats are supplied in the product thicknesses.



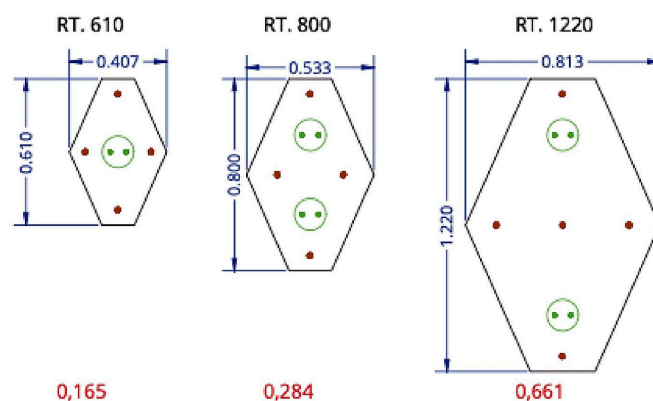
SQUARE



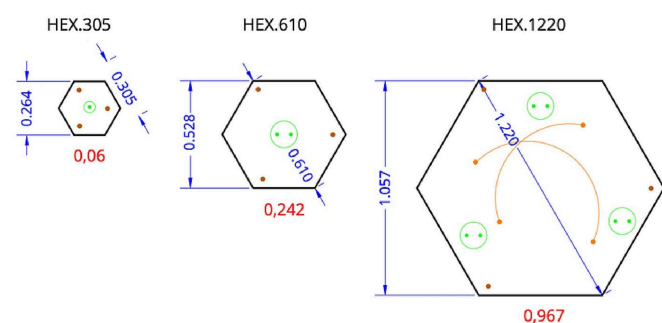
RECTANGLE



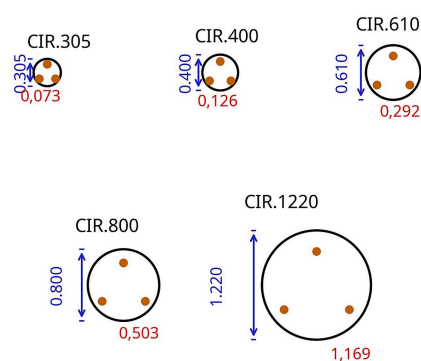
PILL



TRISMA



HEXAGON



CIRCLE

What ISINAC brings to a certified project

Current certifications of ISINAC ACOUSTIC WORLD S.L.U., with its registration number and validity. Complete documentation available to the drafting team.

EPD · DAP Type III EPD-IES-0033394:001 · EN 15804+A2 · ISO 14025. Third-party verified. VALID UNTIL 05-08-2031	ISO 14001 · ISO 14006 Environmental management and ecodesign. Bureau Veritas. CURRENT UNTIL 2029	CE Marking · DoP Declaration of Performance of its product family. ISSUED 2026
OEKO-TEX® Certification of ILUCS, free of harmful substances. STANDARD 100, product class II. CURRENT UNTIL 06-02-2027	SCS Indoor Advantage™ Gold SCS-IAQ-11186 · VOC emissions according to CDPH v1.2. Covers ILUCS. CURRENT UNTIL 31-08-2027	Trevira CS Permanent flame-retardant polyester fabric; brand approval issued in the name of ISINAC. CURRENT

Carbon footprint

9,64 kg CO₂ eq/m²

Manufacturing, modules A1-A3 (cradle to gate).

Transport and installation (A4-A5)	0,19
Use, cleaning in 25 years (B2)	0,19
End of life (C2, C4)	0,22

Data from the Environmental Product Declaration **EPD-IES-0033394:001**, verified by an independent third party and registered in The International EPD System, in accordance with **EN 15804+A2** and **ISO 14025**. Reference service life 25 years.

Scope of the declaration: flat panels with ILUCS, adhesives.

What this product adds to building certification

12 WELL documentable credits	8 LEED documentable credits	8 HQE documentable credits	7 BREEAM documentable credits	5 DGNB documentable credits
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Credits that ISINAC can document for this product, with the test or certificate supporting them. The points awarded by each one and who grants them are on the last page.

Material and lifecycle, at a glance



ILUCS

100 % polyester Trevira CS



VOC emissions below threshold

SCS Indoor Advantage Gold, CDPH v1.2 method, on the fabric.



40 mm thick

Of the assembly.



Made in the European Union

Made in Europe seal.



9,64 kg CO₂ eq/m²

Modules A1-A3, verified in EPD.



ILUCS in the color chart of ISINAC (LC codes) Fabric width 140 or 170 cm depending on color

Catalog finishes.

Documentation accompanying this product

All available for the drafting team, upon request and free of charge: accredited laboratory absorption test report · reaction to fire classification · Declaration of Performance (CE marking) · verified Environmental Product Declaration (EPD) and carbon footprint document · fabric certificates (OEKO-TEX, VOC emissions) · band coefficients in native format for ODEON, EASE, CATT, INSUL, and SONarchitect.



CERTIFICATION	CREDIT	POINTS	HOW IT IS ACCREDITED
BREEAM	Mat 02 — <i>Environmental impacts</i>	1,5	Verified product EPD: the maximum of the EPD points table
BREEAM	Hea 06 — <i>Acoustic performance</i>	—	accredited laboratory absorption and insulation tests ENAC
BREEAM	Hea 04 — <i>Indoor air quality</i>	—	VOC emissions certificate
LEED v4.1	MR — <i>BPDO: EPD</i>	1–2	Product-specific EPD with individual external verification
LEED v4.1	EQ — <i>Low-Emitting Materials</i>	1–3	SCS Indoor Advantage Gold, CDPH v1.2 method
LEED v4.1	EQ — <i>Acoustic Performance</i>	1	band absorption coefficients for reverberation calculation
DGNB	ENV1.1 — <i>Life cycle assessment</i>	up to 130	LCA modules broken down, in a format readable by calculation tools
DGNB	SOC1.3 — <i>Acoustic comfort</i>	up to 110	α_p per band, α_w and equivalent sound absorption area
DGNB	ENV1.3 — <i>Resource extraction</i>	up to 100	certifications of origin and environmental management
HQE	CC.4 — <i>reduction of greenhouse gases</i>	3	9,64 kg CO ₂ eq/m ² verified and comparable
HQE	Environmental impact according to EN 15978 / ISO 21931	2	DAP feeds the building calculation
HQE	Material emissions	2	carcinogenic formaldehyde and VOC 1A and 1B below threshold
HQE	Acoustics in common areas	up to 3	available absorption tests
WELL	S05 — <i>Sound Reducing Surfaces</i>	2	the product is the compliance element
WELL	S04 — <i>reverberation time</i>	2	absorption coefficients of the material
WELL	S06 — <i>acoustic privacy reinforcement</i>	1	hangs from S05, with the same backing
Cradle to Cradle	Requirements 6.2 and 7.2	—	DAP is the main part of the file
EU regulations	Regulation 2024/3110 · EPBD 2024/1275	mandatory	declaring the GWP is mandatory as of 01-08-2026: this DAP already complies with it

The points are those granted by each credit in its current version; the Assessor awards them based on the complete building. Detailed reasoning per certification label available upon request.

Documentation for your project

Complete test reports, Declarations of Performance, certificates and acoustic calculation sheets available to the design team. We provide specification support from the project phase to the construction site.
www.isinac.com · info@isinac.com