



TECHNICAL DATA SHEET

PANEL IZZER MAGNETIC 40 mm

Mineral foam panel of 40 mm lined with IZZER made of virgin merino wool, installed with a magnetic system: it is placed and repositioned on magnets without adhesive or construction work.

~||| α_w

0,90

weighted absorption
EN ISO 11654

🔥 Class

C-s2,d0

reaction to fire
EN 13501-1:2018

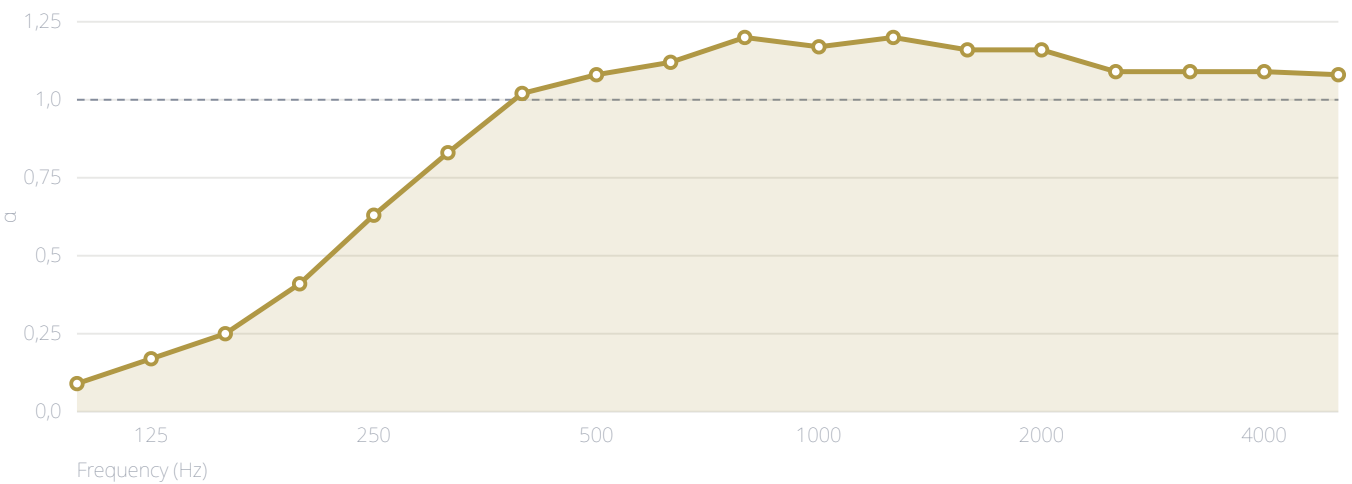
📏 Thickness

40 mm

of the assembly

Acoustic absorption

Reverberation chamber test according to EN ISO 354:2003 · evaluation according to EN ISO 11654:1997 · FUNDACIÓN TECNALIA R&I — Basque Government's Building Quality Control Laboratory, Agirrelanda 10, Vitoria-Gasteiz (ENAC No. 4/LE456) · report B2021-LACUS-IN-146-3 (result No. B2021-146-M841) (04/06/2021). Panels of 610 x 610 x 40 mm resting on the floor of the reverberation chamber, separated 30 mm from each other, hidden face (with self-adhesive) towards the floor, covering 12,08 m². Tested finish: IZZER on the visible face AND EDGES ("cover" configuration).



α_w 0,90

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

HZ	125	250	500	1000	2000	4000
α_s	0,17	0,63	1,08	1,17	1,16	1,09

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

Reaction to fire

C-s2,d0

EN 13501-1:2018 · FUNDACIÓN TECNALIA R&I — Fire Safety Laboratory (report 080046-001-2-a), ref. 080046-001-2-a (12/06/2019)

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



The **acoustic** tests in this data sheet were carried out at **TECNALIA**, a laboratory accredited by **ENAC** and a signatory to the **ILAC-MRA** agreement, which gives international recognition to the results. The reaction to fire classification is issued by the laboratory cited in its block.

Composition, layer by layer

LAYER	MATERIAL	COMPOSITION	GRAMMAGE / DENSITY	POSITION
1	IZZER	100% virgin merino wool	460 g/m ²	exposed side and edges («cover» configuration, tested one)
2	Mineral foam core	open cell mineral foam	9 kg/m ³ nominal density	core, 40 mm
3	Magnetic system	magnets on the hidden side (M6 magnet for decorative pieces · magnet for linear pieces · cable and magnet · magnetic plate)		hidden side, fixing without adhesive

Assembly thickness: 40 mm.

Color

41 colors from the IZZER color chart

Dimensions and installation

Thickness	40 mm
Square	305 x 305 · 400 x 400 · 610 x 610 · 800 x 800 · 1220 x 1220 mm
Rectangle	1220 x 100 · 1220 x 200 · 1220 x 305 · 1220 x 400 · 1220 x 610 mm
Circle	diameter 305 · 400 · 610 · 800 · 1220 mm
Hexagon	Ø 305 · 610 · 1220 mm (circumscribed circle)
TRISMA	610 x 407 · 800 x 533 · 1220 x 813 mm
PILL	610 x 305 · 1220 x 305 · 800 x 400 · 1220 x 400 mm
Format tested in laboratory	610 x 610 mm, 40 mm thick
Installation	Magnetic system: M6 magnet, cable and magnet, magnetic plate; magnetic installation kits for wall and ceiling

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.



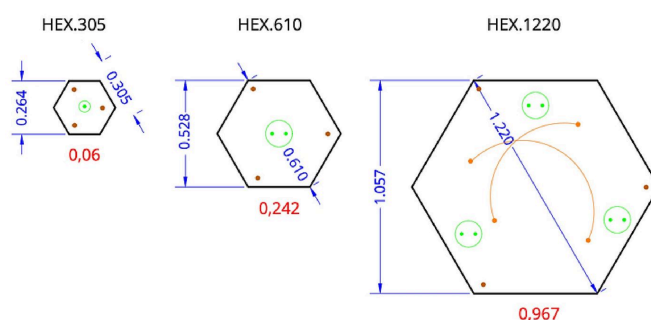
SQUARE



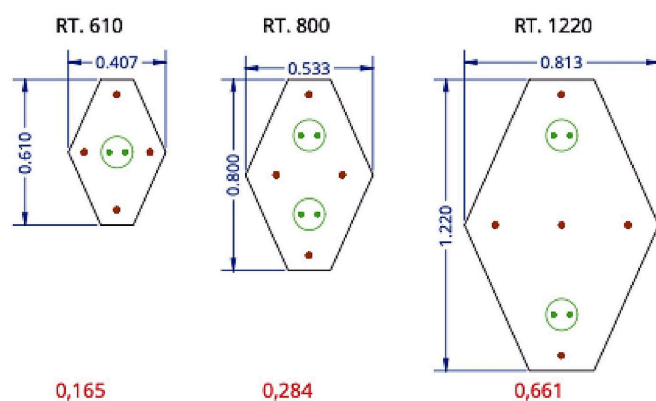
RECTANGLE



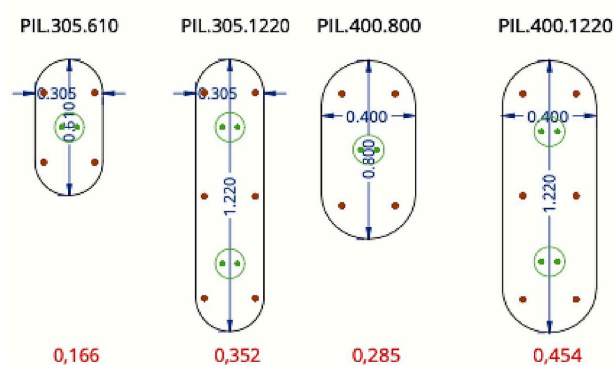
CIRCLE



HEXAGON



TRISMA



PILL

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.

ISO 14001 · ISO 14006

Environmental management and ecodesign.
Bureau Veritas.

CURRENT UNTIL 2029

SCS Indoor Advantage™ Gold

SCS-IAQ-11186 · VOC emissions according to CDPH v1.2. Covers IZZER.

CURRENT UNTIL 31-08-2027

What this product adds to building certification

12

WELL

documentable credits

6

HQE

documentable credits

5

LEED

documentable credits

4

BREEAM

documentable credits

4

DGNB

documentable credits

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



IZZER

100% virgin merino wool



40 mm thick

Of the assembly.



VOC emissions below threshold

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



Made in the European Union

Made in Europe seal.



41 colors from the IZZER color chart

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 · fabric VOC emissions certificate · band coefficients in native format for ODEON, EASE, CATT, INSUL, and SONarchitect.



CERTIFICATION	CREDIT	POINTS	HOW IT IS ACCREDITED
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	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	Material emissions	2	carcinogenic formaldehyde and VOC 1A and 1B below threshold
HQE	Acoustics in common areas	up to 3	class A with 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

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.

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