



TECHNICAL DATA SHEET

MINERAL FOAM PANEL SELF-ADHESIVE 20 mm

Open-cell mineral foam panel of 20 mm with self-adhesive on the hidden face: sticks directly onto the wall or ceiling, without construction work or framing. Absorbs mainly in medium and high frequencies.



0,40

weighted absorption
EN ISO 11654



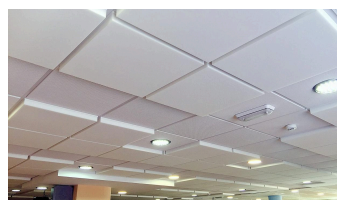
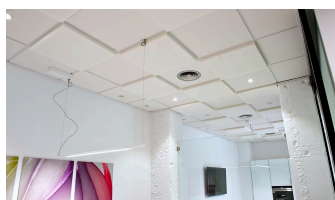
C-s2,d0

reaction to fire
EN 13501-1:2018



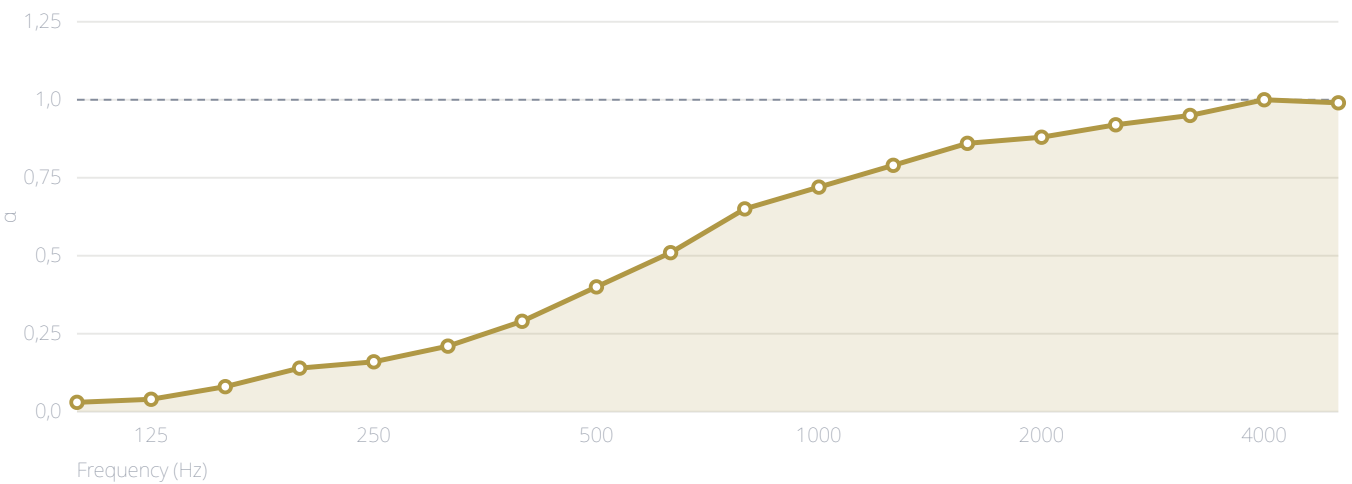
20 mm

of the assembly



Acoustic absorption

Reverberant room test according to EN ISO 354:2003 · evaluation according to EN ISO 11654:1997 · FUNDACIÓN TECNALIA R&I — Building Quality Control Laboratory of the Basque Government, Acoustics Area (Agirrelanda 10, Vitoria-Gasteiz). Accreditation ENAC no. 4/LE456 · report 110259-2 (12/01/2024 (test date) · 23/02/2024 (issue date)). ISINAC C.610.20 ADH panels placed on the floor of the reverberant room, spaced 30 mm apart, hidden side (adhesive) against the floor, covering 12,08 m². Without air gap. Room volume: 209,6 m³



α_w 0,40

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

NRC 0.55

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	0,04	0,16	0,4	0,72	0,88	1,0

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

Reaction to fire

C-s2,d0

EN 13501-1:2018 · AITEX (Alcoi), fire behavior laboratory, ref. 2026AN2267 (21/09/2026)

«ISINAC mineral foam from 2 cm to 6 cm» with self-adhesive; EN ISO 11925-2:2026 and EN 13823:2020+A1:2022

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	Mineral foam	open cell mineral foam	9 kg/m ³ (nominal density)	exposed side
2	Self-adhesive	self-adhesive with mesh	80 g/m ²	hidden side

Assembly thickness: 20 mm.

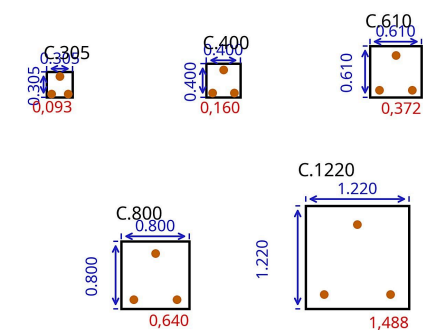
 Color

2 exposed foam finishes: White and Grey

 Dimensions and installation

 Thickness	20 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
 PILL	610 x 305 · 1220 x 305 · 800 x 400 · 1220 x 400 mm
 TRISMA	610 x 407 · 800 x 533 · 1220 x 813 mm
 Hexagon	Ø 305 · 610 · 1220 mm (circumscribed circle)
 Circle	diameter 305 · 400 · 610 · 800 · 1220 mm
 Surface area per piece (squares)	C.305 = 0,093 m ² · C.400 = 0,16 m ² · C.610 = 0,37 m ² · C.800 = 0,64 m ² · C.1220 = 1,49 m ²
 Customization	All formats can be customized

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.

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
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What this product adds to building certification

10 WELL documentable credits	4 DGNB documentable credits	4 HQE documentable credits	3 LEED documentable credits	2 BREEAM 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

 Mineral foam open cell mineral foam	 20 mm thick Of the assembly.	 Made in the European Union Made in Europe seal.
 2 exposed foam finishes: White and Grey 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) · 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
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	available absorption tests
WELL	S05 — <i>Sound Reducing Surfaces</i>	2	the product is the compliance element
WELL	S04 — reverberation time	2	absorption coefficients of the material
WELL	S06 — acoustic privacy reinforcement	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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