



TECHNICAL DATA SHEET

LINEAR exposed mineral foam (WHITE / GREY), adhesive, 100 x 40 mm

Open-cell mineral foam linear piece with built-in adhesive, for composing sound-absorbing slat ceilings and walls; supports magnetic installation with its accessory.



α_w

0,60 (MH)

weighted absorption
EN ISO 11654



Class

C-s2,d0

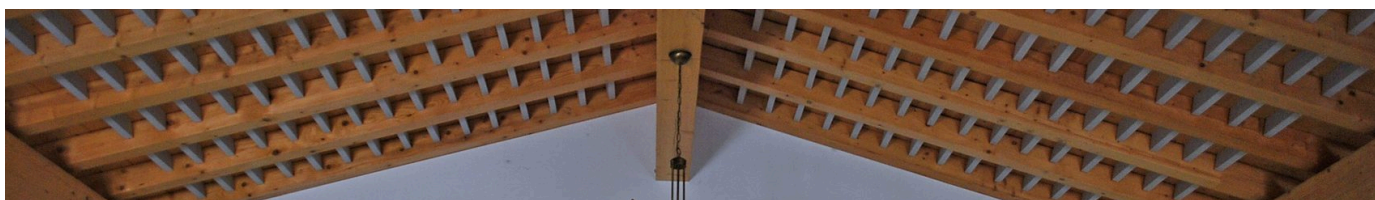
reaction to fire
EN 13501-1:2018



Thickness

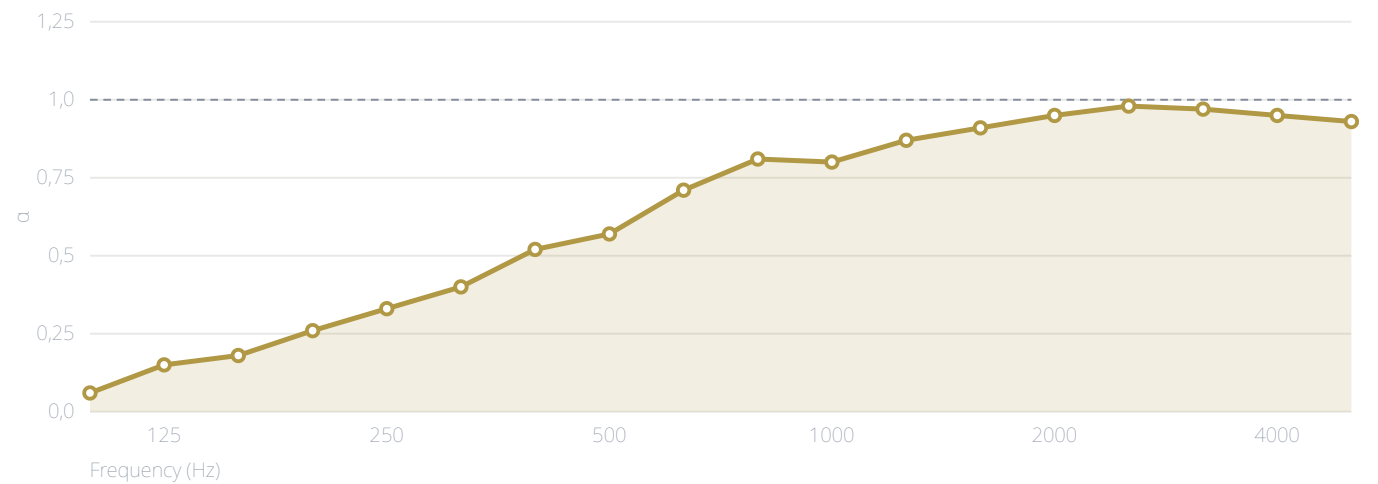
40 mm

of the assembly



Acoustic absorption

Reverberation room test according to EN ISO 354:2003 (evaluation EN ISO 11654:1997) · FUNDACIÓN TECNALIA R&I — Quality Control Laboratory for Buildings of the Basque Government, Vitoria-Gasteiz (ENAC 4/LE456) · report B2023-LACUS-IN-195-2 (test result B2023-195-M952) (21/02/2023). Configuration of ISINAC LINEAR panels (40 x 1220 mm, 100 mm high) placed on the floor of the reverberation room with the adhesive side against the floor and 150 mm spacing between pieces; covered area 11,44 m². Test date 20/01/2023.



α_w 0,60 (MH)

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	0,15	0,33	0,57	0,8	0,95	0,95

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 (Azpeitia headquarters), Safety Laboratory (4/LE024), ref. 080046-001-2 (base test report: 080046-001-1) (12/06/2019)

FIGRA 0,2 MJ: 141,14 W/s · FIGRA 0,4 MJ: 39,0 W/s · THR 600s: 1,29 MJ · SMOGRA: 65,50 m²/s² · TSP 600s: 37,46 m² · no flaming droplets/particles (EN 13823 + EN ISO 11925-2)

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	Open-cell mineral foam	sound-absorbing and hypoallergenic mineral foam, with adhesive on the mounting side	9 kg/m³ ±16% (ISO 845)	exposed piece, without textile covering

Assembly thickness: 40 mm.

Color

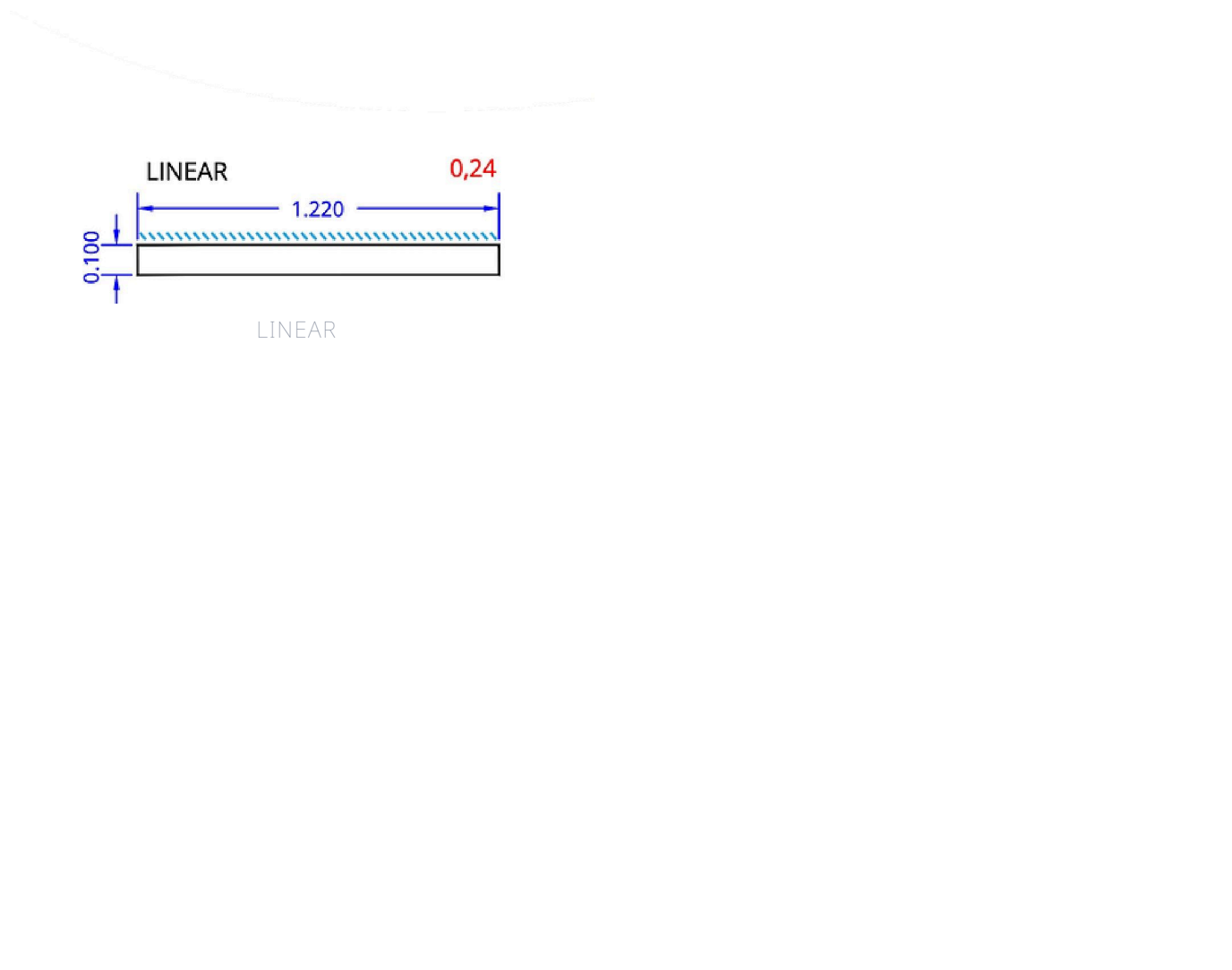
White and Grey (exposed mineral foam)

Dimensions and installation

LINEAR	610 x 100 · 1220 x 100 mm
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Formats

Dimensions in meters. The dots mark the mounting anchors; the number in red is the surface area of the piece in m².



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

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

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



Open-cell mineral foam

sound-absorbing and hypoallergenic mineral foam...



40 mm thick

Of the assembly.



Made in the European Union

Made in Europe seal.



White and Grey (exposed mineral foam)

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 · band coefficients in native format for ODEON, EASE, CATT, INSUL, and SONarchitct.



Points in building certification

LINEAR exposed mineral foam (WHITE / GREY), adhesive, 100 x 40 mm

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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