



## TECHNICAL DATA SHEET

# MINERAL FOAM PANEL SELF-ADHESIVE 60 mm

Open-cell mineral foam panel of 60 mm that sticks directly onto the wall or ceiling and achieves total absorption without the need for an air chamber.



**1,00**

weighted absorption  
EN ISO 11654



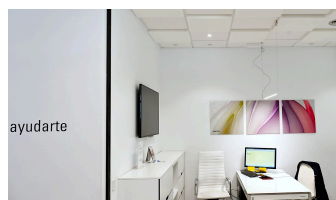
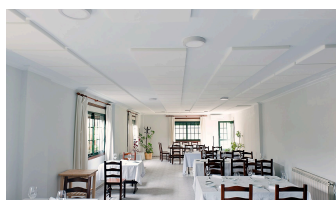
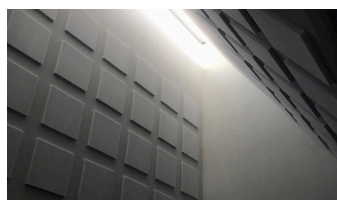
**C-s2,d0**

reaction to fire  
EN 13501-1:2018 (tests EN  
13823:2010+A1:2014 and EN ISO 11925-  
2:2010/AC:2011)



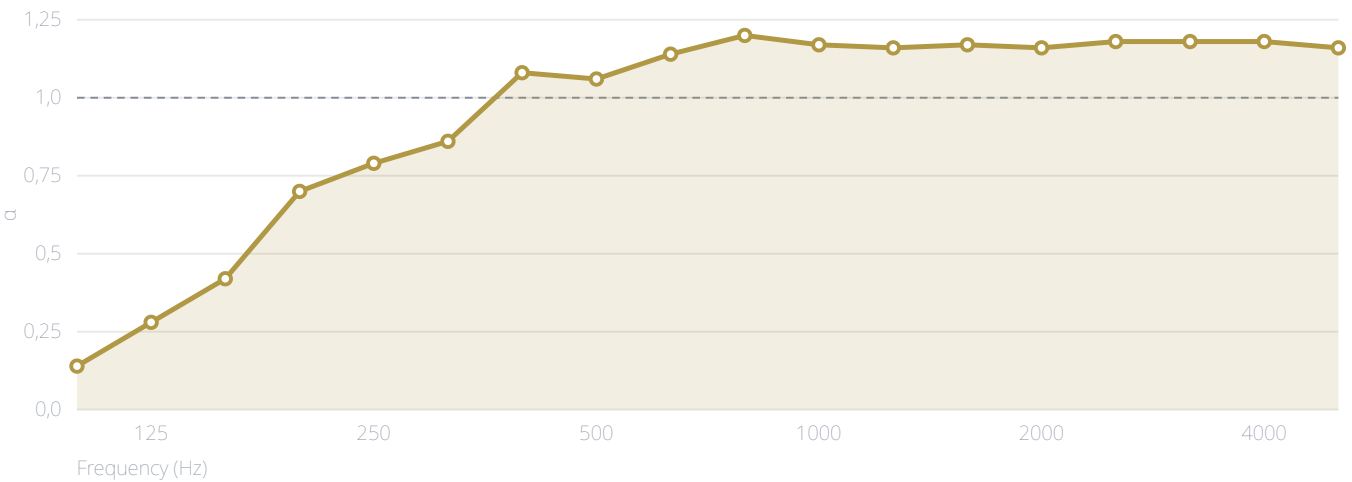
**60 mm**

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, Agirrelanda 10, Vitoria-Gasteiz (accreditation ENAC 4/LE456) · report 110259-1 (10/01/2024). ISINAC C.610.60 ADH panels placed on the floor of the reverberant room (rigid surface, WITHOUT air gap), hidden side against the floor, spaced 30 mm apart, covering 12,08 m². Room volume: 209,6 m³.



$\alpha_w$  1,00

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

NRC 1.05

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

| HZ         | 125  | 250  | 500  | 1000 | 2000 | 4000 |
|------------|------|------|------|------|------|------|
| $\alpha_s$ | 0,28 | 0,79 | 1,06 | 1,17 | 1,16 | 1,18 |

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

Reaction to fire

C-s2,d0

EN 13501-1:2018 (tests EN 13823:2010+A1:2014 and EN ISO 11925-2:2010/AC:2011) · FUNDACIÓN TECNALIA R&I — Fire Safety Laboratory, Área Anardi 5, Azpeitia (Gipuzkoa), ref. 080046-001-2-a (classification report) · based on test report 080046-001-1-a (12/06/2019 (issue; tests 29/04/2019 to 08/05/2019))

Classification issued by an independent laboratory on the tested product according to EN 13501-1:2018 (tests EN 13823:2010+A1:2014 and EN ISO 11925-2:2010/AC:2011).



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, 60 mm thickness |                     | exposed side |
| 2     | Self-adhesive | self-adhesive with mesh                 | 80 g/m <sup>2</sup> | hidden side  |

Assembly thickness: 60 mm.

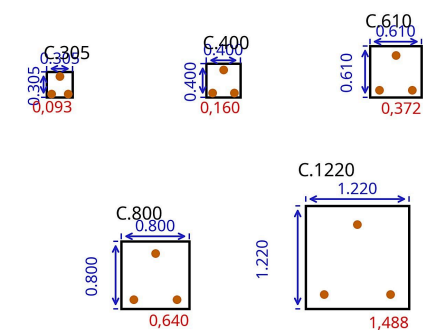
## Color

2 colors: white and grey

## Dimensions and installation

|                                                                                             |                                                                                          |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  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 mm · Ø 610 mm · Ø 1220 mm (circumscribed circle)                                   |
|  Circle  | diameter 305 mm · diameter 400 mm · diameter 610 mm · diameter 800 mm · diameter 1220 mm |

Dimensions in meters. The dots mark the mounting anchors; the number in red is the surface area of the piece in m<sup>2</sup>. 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.

|                                                                                                                         |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>ISO 14001 · ISO 14006</b><br>Environmental management and ecodesign.<br>Bureau Veritas.<br><b>CURRENT UNTIL 2029</b> | <b>CE Marking · DoP</b><br>Declaration of Performance of its product family.<br><b>ISSUED 2026</b> |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|

## What this product adds to building certification

|                                                  |                                                 |                                                |                                                 |                                                   |
|--------------------------------------------------|-------------------------------------------------|------------------------------------------------|-------------------------------------------------|---------------------------------------------------|
| <b>10</b><br><b>WELL</b><br>documentable credits | <b>4</b><br><b>DGNB</b><br>documentable credits | <b>4</b><br><b>HQE</b><br>documentable credits | <b>3</b><br><b>LEED</b><br>documentable credits | <b>2</b><br><b>BREEAM</b><br>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

|                                                                                                                                                    |                                                                                                                            |                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>Mineral foam</b><br>open cell mineral foam, 60 mm thickness |  <b>60 mm thick</b><br>Of the assembly. |  <b>Made in the European Union</b><br>Made in Europe seal. |
|  <b>2 colors: white and grey</b><br>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                                                 |
|------------------|---------------------------------------|-----------|----------------------------------------------------------------------|
| <b>BREEAM</b>    | Hea 06 — <i>Acoustic performance</i>  | —         | accredited laboratory absorption and insulation tests ENAC           |
| <b>LEED v4.1</b> | EQ — <i>Acoustic Performance</i>      | 1         | band absorption coefficients for reverberation calculation           |
| <b>DGNB</b>      | ENV1.1 — <i>Life cycle assessment</i> | up to 130 | LCA modules broken down, in a format readable by calculation tools   |
| <b>DGNB</b>      | SOC1.3 — <i>Acoustic comfort</i>      | up to 110 | $\alpha_p$ per band, $\alpha_w$ and equivalent sound absorption area |
| <b>DGNB</b>      | ENV1.3 — <i>Resource extraction</i>   | up to 100 | certifications of origin and environmental management                |
| <b>HQE</b>       | Material emissions                    | 2         | carcinogenic formaldehyde and VOC 1A and 1B below threshold          |
| <b>HQE</b>       | Acoustics in common areas             | up to 3   | class A with absorption tests                                        |
| <b>WELL</b>      | S05 — <i>Sound Reducing Surfaces</i>  | 2         | the product is the compliance element                                |
| <b>WELL</b>      | S04 — reverberation time              | 2         | absorption coefficients of the material                              |
| <b>WELL</b>      | 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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