



TECHNICAL DATA SHEET

MFPX

Sound-absorbing panel made of mineral foam reinforced with PX for areas with special safety requirements, such as emergency exits or hospitals

 Class

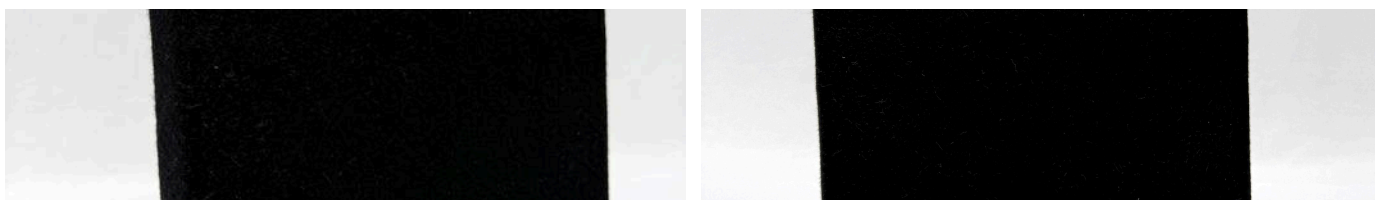
B-s2,d0

reaction to fire
EN 13501-1:2018

 Thickness

40 mm

of the assembly



Reaction to fire

B-s2,d0

EN 13501-1:2018 · Fundación TECNALIA R&I (Azpeitia), ref. 080046-002-2 (test 080046-002-1) (12/06/2019)

FIGRA 59,19 W/s · THR600s 3,04 MJ · SMOGRA 49,36 m²/s² · no flaming droplets or particles (d0)

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	PX210	black polypropylene non-woven	230 g/m²	exposed side
2	core	open cell mineral foam, grey	9 kg/m³	40 mm
3	adhesive	self-adhesive on the hidden side		unexposed face

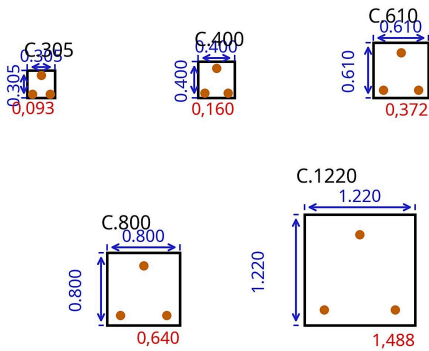
Assembly thickness: 40 mm.

Dimensions and installation

Square	610 x 610 mm
Rectangle	1220 x 610 mm

Formats

Dimensions in meters. The dots mark the mounting anchors.



SQUARE

 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 HQE documentable credits	3 DGNB documentable credits	2 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



PX210
black polypropylene non-woven



40 mm thick
Of the assembly.



Made in the European Union
Made in Europe seal.

 Documentation accompanying this product

Everything available to the writing team, upon request and free of charge: reaction to fire classification.



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.

www.isinac.com · info@isinac.com