



arena PF

Floating Floors



Description

High-density and rigid mineral-wool **arena** panel by ISOVER, non-hydrophilic, unfaced.

Applications

Due to its excellent thermal and acoustic benefits, the **Arena PF** by ISOVER is the best option for:

- Acoustic insulation against impact on floating floors with a concrete or cement reinforced compression slab (>4 cm).
- Radiant floor.
- Applications for the residential sector.

Advantages

- The best thermal and acoustic insulation for floating floors on the market.
- Minimum thickness.
- Recommended for floating floors in contact with unheated areas.
- High compression resistance.
- Sustainable product with a composition of more than 50% recycled material. 100% recyclable material.
- Inert material, inhospitable for micro-organisms.
- Maintains system performance throughout the useful life of the building, it does not degrade over time.



Certificates



CTE Technical properties

Symbol	Parameter	Units	Value	Norm
λ_D	Stated thermal conductivity	W/m.K	0.032	EN 12667 EN 12939
C_p	Approximate specific heat	J/(Kg.K)	800	-
AF_R	Resistance to air flow	kPa.s/m ²	>5	EN 29053
-	Reaction to fire	Euroclase	A2-s1,d0	EN 13501-1
WS	Water absorption	kg/m ²	< 1	EN 1609
MU	Resistance to water vapour diffusion factor, μ	-	1	EN 12086
SD	Dynamic stiffness	MN/m ³	10	EN 29052-1
CS	Compression resistance at 10% deformation, σ_{10}	kPa	5.0	EN 826
DS	Dimensional stability, $\Delta\epsilon$	%	< 1	EN 1604

Thickness d, mm	Stated thermal resistance R_D , m ² .K/W	Acoustic absorption co- efficient AW, α_w	Designation code
EN 823	EN 12667 EN 12939	EN ISO 354	EN 13162
15	0.45	0.30	MW-EN 13162-T6-DS(23,90)-WS-MU1-CP5-SD10-AW0,30-AFr5
25	0.75	0.30	MW-EN 13162-T6-DS(23,90)-WS-MU1-CP5-SD10-AW0,30-AFr5

Presentation

	Thickness d (mm)	Length l (m)	Width b (m)	m ² /pack	m ² /pallet	m ² /truck
Panel	15	1.35	0.60	22.68	272.16	4899
Panel	25	1.35	0.60	14.58	174.96	3149

Installation guide

Additional information available at: www.isover.es

