

LOW-THICK

INSULATING PANEL WITH GRAPHITE
INTERVAL 100 MM



Physical characteristics	Acronym	Standard	Value
Type		UNI EN 13163	EPS 250
Thermal conductivity	λ_D (λ_{ins})	UNI EN 12667 (UNI EN 1264-3)	0,031 W/mK
Density		UNI EN 1602	40 kg/m ³
Resistance to compression at 10% of crushing		UNI EN 826	≥ 250 kPa
Class of reaction to fire		UNI EN 13501-1	Euroclass E
Water absorption		UNI EN 12087	< 5%
Water vapour diffusion resistance factor		UNI EN 12086	40 ± 100
Coating sheet thickness			0,16 mm

Technical data	Acronym	Standard	Value
Thermal resistance	$R\lambda_{ins}$ (S_{ins} / λ_{ins})	UNI EN 1264-3:2021	0,15 m ² K/W
Total length			1215 mm
Total width			615 mm
Total thickness			19 mm
Sheet thickness S_{ins}		UNI EN 1264-3	5 mm
Useful surface			0,72 m ²
Pipe spacing			100 mm
Installable pipes external \varnothing			12 mm

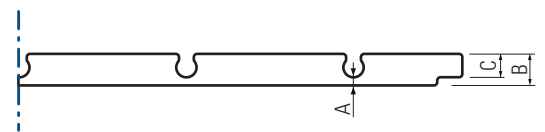
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H = 5 mm

Expanded polystyrene (EPS) printed panel, reinforced with graphite, for thermal insulation, with profiled surface (pipe spacing 100 mm, for DN 12x2 pipe), male-female joints, self-adhesive base and rigid upper polystyrene film.

Perfect for renovations, owing to reduced space requirement, combined with state-of-the-art fluid screeds, allows the implementation of systems with minimum thickness of 40 mm (coating excluded), without giving up the heat insulation guaranteed by the EPS layer.



CODE	Size	Useful thickness	A mm	B mm	C mm	Pack m ²	Pallet m ²
9942P505	1.200 x 600 x 19	(H) 5 mm	5	19	14	12,96	181,44

For dimensions, panel sections and minimum overall dimensions of the system for civil buildings, see Technical Annexes Section.

