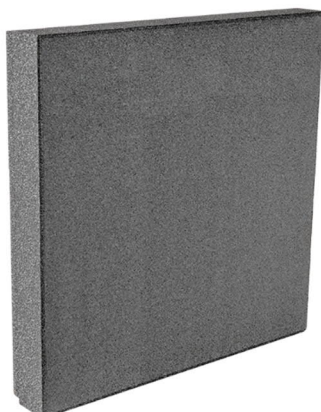


# EPS G MECCANICO R

Technical Sheet - Issue 02/2025



Insulation panel made of sintered expanded polystyrene (EPS) with the addition of graphite. TERMOK8 MECCANICO.

## DESCRIPTION

Thermal insulation panel made of sintered expanded polystyrene (EPS) with the addition of graphite, cut from a block and ideal for external thermal insulation systems: ETICS certified in compliance with EAD 040083-00-0404 guidelines (formerly ETAG 004) and standard UNI EN 13500:2005, with "Certificate of Conformity" [UNI EN 13163]. The panels have 2 cm deep grooves cut into all four sides to fasten the TermoK8 Meccanico system profiles.

## MAIN PROPERTIES

- EASE OF INSTALLATION
- COST-EFFECTIVENESS
- SUITABLE FOR DIFFICULT SUBSTRATES
- RECYCLED CONTENT 15%

## SIZE AND THICKNESS

Useful size: 60 cm x 60 cm

Available thicknesses: 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20 cm

TECHNICAL DATA	Symbol	Value	REFERENCE STANDARD
Thermal conductivity	$\lambda_D$	0.030 W/mK	EN 12667
Reaction to fire	EUROCLASS	E	EN 13501-1
Resistance to vapour diffusion	$\mu$	30-70	EN 12086
Specific heat	$C_p$	1340 J/kgK	EN 10456
Compressive stress at 10% deformation	CS(10/Y)	$\geq 100$ kPa	EN826
Tensile strength perpendicular to the surface	TR	$\geq 150$ kPa	EN 1607
Dimensional stability	DS(N)	$\pm 0.2\%$	EN 1603
Water absorption due to partial immersion	WIp	$\leq 0.5$ Kg/m <sup>2</sup>	EN 16535
Shear strength	$F_{tk}$	$\geq 20$ kPa	EN 12090
Shear modulus	$G_m$	$\geq 1000$ kPa	EN 12090

# EPS G MECCANICO R

Technical Sheet - Issue 02/2025



## Dimensional tolerances

Length	L(2)	± 2 mm	EN 822
Width	W(2)	± 2 mm	EN 822
Thickness	T(1)	± 1 mm	EN 823
Squareness	S(2)	± 2 mm/m	EN 824
Flatness	P(3)	+ 3 mm	EN 825

## STORAGE PROCEDURE

Heat-reflecting material: do not cover the slabs with transparent materials and/or sheets during installation and storage.

## NOTES

- If the slabs are exposed to UV light for a long period of time during installation, they should be protected by shading nets to prevent surface chalking (yellowing).
- If, due to prolonged exposure to UV light, surface powdering has occurred (the slabs appear yellowed), completely remove this powdery substance by sanding and brushing before applying the skim coat, in order to ensure proper and effective adhesion.

## CERTIFICATIONS/CLASSIFICATIONS



IVAS Industria Vernici S.p.A. – Via Bellaria, 40 – 47030 San Mauro Pascoli (FC) – Italy  
Tel. +39 0541 815811 – Fax +39 0541 815815 – [www.gruppoivas.com](http://www.gruppoivas.com) – [ivas@gruppoivas.com](mailto:ivas@gruppoivas.com)

This Technical Information Sheet is compiled to the best of our technical/scientific knowledge; however, it does not imply any liability on our part, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.