

Insulating panel in graphite-added EPS. Suitable for TERMOK8 MODULAR systems.

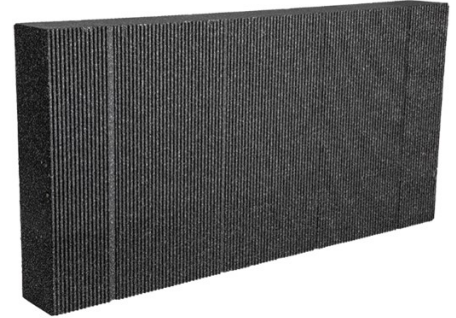
DESCRIPTION

Thermal insulation panel made of sintered expanded polystyrene EPS, graphite-added, cut from block and ideal for application in ETICS systems.

ETICS certified according to the guidelines EAD 040083-00-0404, formerly ETAG 004, and the standard UNI EN13499:2005, with the "Certificate of Conformity" [UNI EN 13163].

The panels are characterized on both sides by a specific 5 mm deep texture, designed to increase the specific surface of the panel during the finishing process and form continuous horizontal "V" beams designed to enhance system resistance. On the external installation surface, the panels feature four recessed transverse slots specifically designed to bond the insulating substrate with the reinforced finishing coat.

The panels comply with the Minimum Environmental Criteria (CAM) through the use of recycled EPS, as specified by the D.M. of June 23, 2022. They are equipped with product certification issued by an external evaluation body that certifies and guarantees the recycled content.



MAIN PROPERTIES

- Ease of installation;
- Cost-effective;
- Higher impact resistance;
- Modular coatings;
- 15% recycled content.

TECHNICAL DATA

Resistance to water vapour passage (EN 12086)	30-70
Specific heat (EN 10456)	1340 J/kgK
Compression stress at 10% deformation (EN 826)	≥ 100 kPa
Tensile strength perpendicular to the faces (EN 1607)	≥ 150 kPa
Compression resistance	CS(10/Y) ≥ 100 kPa
Thermal conductivity (λ) (EN 12667)	λ 0,031 W/mK
Fire reaction class	E
Dimensional stability (EN 1603)	± 0,2%
Shear strength (EN 12090)	≥ 20 kPa Shear modulus: ≥ 1000 kPa
Water absorption by partial immersion (EN 16535)	≤ 0,5 Kg/m ²

CHARACTERISTICS

Size slabs	100 cm x 50 cm
Thickness	6, 7, 8, 9, 10, 12, 14, 16, 18, 20 cm

Dimensional tolerances

± 2 mm Length
± 2 mm Width
± 1 mm Thickness
± 2 mm/m Squareness
+ 3 mm Flatness

APPLICATION

Application Procedure:

In case the panels are exposed to UV rays for an extended period during installation, protect them with shading nets to prevent surface powdering (yellowish).

If, due to prolonged exposure to UV rays, surface powdering has occurred (the panels appear yellowed), completely remove the powdery substance produced by sanding and brushing before applying the finishing coat, to ensure proper and effective adhesion.

STORAGE

Storage:

Thermal reflective material: do not cover the panels with transparent materials and/or tarpaulins during installation and storage.

TECHNOLOGIES/CERTIFICATIONS

