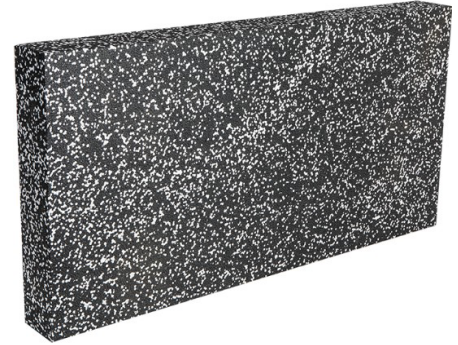


Destressed insulation panel made of graphite-enhanced EPS, suitable for ETICS application.

DESCRIPTION

Stress-relieved thermal insulation panel made of sintered expanded polystyrene (EPS) with 70% graphite additive, block-cut and ideal for ETICS applications. Certified as ETICS according to the EAD 040083-00-0404 guidelines (formerly ETAG 004) and UNI EN 13499:2005, bearing a "Certificate of Conformity" [UNI EN 13163]. The panels comply with the Minimum Environmental Criteria (CAM) through the use of recycled EPS and are equipped with a product certification issued by an external assessment body that certifies and guarantees the recycled content.



MAIN PROPERTIES

- Ease of installation;
- Cost-effectiveness;
- Recycled content 15%.

TECHNICAL DATA

Resistance to water vapour passage (EN 12086)	20-40 μ
Specific heat (EN 10456)	1450 J/kgK
Tensile strength perpendicular to the faces (EN 1607)	≥ 120 kPa
Thermal conductivity (λ) (EN 12667)	0,031 W/mK
Reaction to fire (EN 13501-1)	E
Dimensional stability (EN 1603)	$\pm 0,2\%$
Shear strength (EN 12090)	≥ 70 kPa Shear modulus: ≥ 1000 kPa
Water absorption by partial immersion (EN 16535)	$\leq 0,5$ Kg/m ²

CHARACTERISTICS

Size slabs	100 cm x 50 cm
Thickness	2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 cm
Dimensional tolerances	± 2 mm Length ± 2 mm Width ± 1 mm Thickness ± 2 mm/m Squareness $+ 3$ mm Flatness
Notes	The thicknesses valid for the purposes of the European Technical Assessment (ETA) are exclusively those stated in the certificate issued by the Notified Body. Any values indicated in this technical data sheet are for informational purposes only and do not replace the specifications contained in the ETA certificate.

APPLICATION

Application Procedure:

If, during installation, the boards remain exposed to UV rays for an extended period, they must be protected using shading nets in order to avoid surface chalking (yellowing).

If surface dusting has occurred due to prolonged UV exposure (the boards appear yellowed), completely remove the powdery substance by sanding and brushing before applying the base coat, to ensure proper and effective adhesion.

STORAGE

Storage:

Thermoreflective material: do not cover the boards with transparent materials and/or sheets during installation and storage.

TECHNOLOGIES/CERTIFICATIONS

