converto 30-g

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

DESCRIPTION

Destressed thermal insulation panel made of graphite-enhanced expanded polystyrene (EPS), block-cut and ideal for ETICS application.
Certified for ETICS according to EAD 040083-00-0404 guidelines (formerly ETAG 004) and compliant with UNI EN 13499:2005, holding 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

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

TECHNICAL DATA	
Resistance to water vapour passage (EN 12086)	30-70 μ
Specific heat (EN 10456)	1340 J/kgK
Tensile strength perpendicular to the faces (EN 1607)	≥150 kPa
Thermal conductivity (λ) (EN 12667)	0,030 W/mK
Reaction to fire (EN 13501-1)	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/m2

CHARACTERISTICS	
Size slabs	100 cm x 50 cm
Thickness	2, 3, 4, 5, 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:
If, during installation, the boards are exposed to UV rays for a prolonged period, protect them using shading nets in order to avoid surface chalking (yellowish color).
If surface chalking has occurred due to extended UV exposure (the boards appear yellowed), completely remove the powdery substance by sanding and brushing before applying the base coat, in order to ensure proper and effective adhesion.

STORAGE

Storage:
Thermo-reflective material: do not cover the boards with transparent materials and/or sheets during installation and storage.

TECHNOLOGIES/CERTIFICATIONS

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 - ivas@gruppoivas.com