

**Detensioned insulating panel in EPS with external texture. Suitable for Termok8 A.R. Max 20J and 60J systems.**

## DESCRIPTION

Detensioned 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 one external face 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.

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-effective;
- Higher impact resistance;
- 15% recycled content.

## TECHNICAL DATA

Resistance to water vapour passage (EN 12086)	30-70 $\mu$
Specific heat (EN 10456)	1340 J/kgK
Tensile strength perpendicular to the faces (EN 1607)	$\geq 120$ kPa
Thermal conductivity ( $\lambda$ ) (EN 12667)	$\lambda$ 0.031 W/mK
Fire reaction class	E
Dimensional stability (EN 1603)	$\pm 0,2\%$
Shear strength (EN 12090)	$\geq 20$ kPa Shear modulus: $\geq 1000$ kPa
Water absorption by partial immersion (EN 16535)	$\leq 0,5$ Kg/m <sup>2</sup>

## CHARACTERISTICS

Size slabs	100 cm x 50 cm
Thickness	5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20 cm
Dimensional tolerances	$\pm 2$ mm Length $\pm 2$ mm Width $\pm 1$ mm Thickness $\pm 2$ 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

