

EUROPIR[®] ETICS thermal insulation panel

CHEMICAL NAME	Rigid polyisocyanurate (PIR) foam.
FUNCTION	Wall thermal insulation panel.
TECHNICAL REQUIREMENTS	<p>Protect from light/UV. Prolonged contact with water or moisture may lead to surface soaking, in which case drying is recommended. When storing outside, do not store directly on the ground, use underlays, e.g. pallets. Dust off the panel surfaces with a brush before installation.</p>

INFORMATION Thermal insulation panel made of rigid polyisocyanurate (PIR) foam without cladding.

Length	1000 mm
Width	600 mm
Height.....	20-200mm
Colour.....	yellowish

Reaction to fire class..... E (Euroclass)
 PN EN 13165, EN 13501-1

Declared thermal conductivity (λ_d):

d<80 mm	≤ 0.025 W/mK
80≤d<120 mm.....	≤ 0.024 W/mK
d≥120 mm.....	≤ 0.023 W/mK

PN EN 13165, EN 12667

Compression strength.....≥150 kPa
 PN EN 13165, EN 826

Tear strength.....≥120 kPa
 PN EN 13165, EN 1607

Closed cell content.....>90%
 PN EN 13165, ISO 4590

Short term water absorption at partial immersion.....	<0.15 kg/m ² PN EN 13165, EN 1609
Long term water absorption at partial immersion.....	<0.32 kg/m ² PN EN 13165, EN 12087
Long term water absorption at total immersion.....	<1.7% (v/v) PN EN 13165, EN 12087
Dimensional stability (length, width/thickness) 70°C/90% RH	≤2 / ≤6% PN EN 13165, EN 1604
Dimensional stability (length, width/thickness) -20°C.≤0.5 / ≤2%	PN EN 13165, EN 1604
Operating temperature.....	-120°C to +120°C

APPLICATIONS

EUROPIR® ETICS – highly insulating panels made of rigid PIR foam without cladding, intended for thermal insulation of external walls and internal partitions. The product is recommended for insulating façades finished with plaster, paint, bricks or clinker tiles. The material can be used on any substrate specified in the recommendations on façades using the ETICS method.

Thermal insulation and thermal modernization of walls:

- residential buildings,
- sports facilities and public administration facilities,
- commercial and service premises,
- office buildings,
- passive and energy-saving buildings.