

# APPLICATION



- It is used for insulation of new buildings and structures in which the renovation of the thermal insulation is carried out.
- For objects of residential, public, industrial construction and the like, up to height  $h \geq 22$  m., with mechanical fixation.
- It is recommended in the thermal insulation facade system PEVALIT, for insulation of floors, roofs, partition walls, basements, etc.
- It stands out as a light and environmentally friendly product during and after application.

## PRODUCT CHARACTERISTICS

- Dimension:** Standard Dimension 1000 x 500 mm.
- Thickness:** From 10 mm to 300 mm (Other thickness by request).
- Processing:** with right angles.
- Temperature resistance:** Up to 80°C long; over 95 °C short.
- Combustion:** Self Extinguishing.
- Standardization:** EN 13163--L1-W1-T1-S1-P4-BS150-CS(10)120-DS(N)5
- Packaging:** in boxes with PE foil approximately 0.25 m<sup>3</sup>.
- Storage:** In a covered ambient, protected from UV rays and fire.

## TECHNICAL PARAMETERS

Characteristics	EN Methods	Declaration	Tolerance
Length	822	L1	±3mm
Width	822	W1	±3mm
Thickness	823	T1	±2mm
Angle	824	S1	±5mm
Flatness	825	P4	±5mm
Strength in bending	12089	BS 150	≥150 kPa
Rate of pressure in 10% rise	826	CS (10) 120	≥120 kPa
Dimensional stability	1603	DS (N) 5	±0.5
Combustion	13501-1	Euro Classification E	/
Thermal premeability $\lambda_0$	12667	0.035	/

## HEAT RESISTANCE $R_0$

Thickness (mm)	10	20	30	40	50	60	70	80	90	100	120
$R_0$ (m <sup>2</sup> K/W)	0.28	0.57	0.86	1.14	1.43	1.71	2.00	2.28	2.57	2.85	3.43

Thickness (mm)	140	150	160	180	200	220	240	250	260	280	300
$R_0$ (m <sup>2</sup> K/W)	4.00	4.28	4.57	5.14	5.71	6.28	6.85	7.14	7.43	8.00	8.57