

APPLICATION



- Is used for insulating newly built objects and objects that are undergoing renovation of thermic insulation.
- For objects built for living, public purposes, industrial, etc., with heights of $h \geq 9$ m.
- Is recommended in the facade system PEVALIT, for the insulation of flooring, roofs, separating walls, basements, etc.
- Is distinguished as a light and ecologic product, during and after usage.

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-S2-P4-CS(10)70-WL(T)3
- Packaging:** in boxes with PE foil approximately 0.25 m³.
- Storage:** In a covered ambient, protected from UV rays and fire.



Pevapor

N2 EPS 040/100

EPS - Panels
of expanded polystyrene



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 100	≥100 kPa
Rate of pressure in 10% rise	826	CS (10) 90	≥90 kPa
Dimensional stability	1603	DS (N) 5	±0.5
Combustion	13501-1	Euro Classification E	/
Thermal permeability λ_D	12667	0.040	/

HEAT RESISTANCE R_D

Thickness (mm)	10	20	30	40	50	60	70	80	90	100	120
R_D (m ² K/W)	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	3.00

Thickness (mm)	140	150	160	180	200	220	240	250	260	280	300
R_D (m ² K/W)	3.50	3.80	4.00	4.50	5.00	5.50	6.00	6.25	6.50	7.00	7.50