

TEHNIČNI LIST 23.01.01-05-SVN



JUBIZOL EPS F-GO

1. Product description

Thermal insulation boards made of expanded polystyrene with added GRAPHITE for improved thermal insulation, without fold (CFC free)

2. Technical data

Board format: 1000 x 500 mm
Thickness: from 10 mm to 300 mm

3. Resistance

Temperature resistance: 70 °C long term

4. Conformity

EN 13163:2012+A1:2015

5. Quality

Product quality characteristics are determined by the European standards. JUB ensures the achieving of the declared or set quality level by the ISO 9001 system for total quality management and control, which has been implemented at JUB for many years and which comprises daily quality checks in our own laboratories. During the manufacturing process, JUB strictly complies with the European standards for the protection of the environment and for ensuring security and health at work, which has been confirmed by the ISO 14001 and OHSAS 18001 certificates.

6. Areas of application

- As a thermal insulation layer in ETICS facade systems;
- For new constructions and for renovations;

7. Application

Thermal insulation boards are applied in line with the instructions provided by the manufacturer of façade systems.

8. Packaging

Thermal insulation boards are in packages of the size 0.25 m³, wrapped up in non-transparent PE-foil. Each package contains a declaration sheet in line with the SIST EN 13172 standard.

9. Storage

Store in covered areas, away from sources of heat and fire; do not expose to UV rays; prevent contact with incompatible materials/chemicals.

10. Waste management

The manufacturer ensures that all of its packaging is included into the waste management system (Official Gazette of the RS, No. 84/06 with all changes and amendments).



11. Technical characteristics

CE- technical code EPS-EN 13163-L2-W2-T1-S2-P3-DS(N)2-DS(70,-)1-BS125-TR150-CS(10)80

Key characteristics	Code	Characteristic	Unit	Declared	Harmonized technical specif.
Length	L	1000	mm	L2	EN 822
Width	W	500	mm	W2	EN 822
Thickness	T	10-300	mm	T1	EN 823
Perpendicularity	S	1000/500	mm	S2	EN 824
Evenness	P	1000/500	mm	P3	EN 825
Dimensional stability	DS(N)	1000/500	%	DS(N)2	EN 1603
Dim. Stability at specific temperature	DS(70)	1000/500	%	DS(70,-)1	EN 1604
Pressure strength at 10% def.	CS	≥80	kPa	CS(10)80	EN 826
Flexural strength	BS	≥125	kPa	BS125	EN 12089
Tensile strength perpendicular to the surface	TR	≥150	kPa	TR150	EN 1607
Pressure creep	CC	NPD	kPa	NPD	EN 1606
Water absorption – long term by immersion	WL(T)	NPD	%	NPD	EN 12087
Water absorption – long term by diffusion	WD(V)	NPD	%	NPD	EN 12088
Diffusion resistance to water vapour	μ	NPD	-	NPD	EN 12086
Thermal conductivity coefficient	λ _D	0,031	W/mK	0,031	EN 12667
Reaction to fire	-	Euroclass E	-	Euroclass E	EN 13501-1

Key characteristics	Code	Properties											
		10	20	30	40	50	60	70	80	90	100	120	130
Board thickness (mm)	d	10	20	30	40	50	60	70	80	90	100	120	130
Thermal resistance declared (m ² K/W)	R _D	0,30	0,60	0,95	1,25	1,60	1,90	2,25	2,55	2,90	3,20	3,85	4,15
Lambda/thickness ratio (W/m ² K)	U	3,100	1,550	1,033	0,775	0,620	0,517	0,443	0,388	0,344	0,310	0,258	0,238
Board thickness (mm)	d	135	140	150	160	180	200	220	240	250	260	280	300
Thermal resistance declared (m ² K/W)	R _D	4,35	4,50	4,80	5,15	5,80	6,45	7,05	7,70	8,05	8,35	9,00	9,65
Lambda/thickness ratio (W/m ² K)	U	0,229	0,221	0,207	0,194	0,172	0,155	0,141	0,129	0,124	0,119	0,111	0,103

12. Certificate

EC certificate of conformity C 1771 (Zavod za gradbeništvo Slovenije, Dimičeva 12, 1000 Ljubljana)

Declaration of Performance in line with the European directive on construction products CPR and in line with the European standard EN 13163:2012+A1:2015.

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Proizvod je izdelan v organizaciji, ki je imetnik certifikatov ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007

