

DECLARATION OF PERFORMANCE

No.: J-035/19

1. Unique identification code of the product-type:

JUBIZOL Strong S0 - GRAPHITE

2. Intended use or uses of the construction product:

**Graphite boards made of expanded polystyrene
For thermal insulation of facade foundation**

3. Manufacturer:

JUBIZOL®

JUB d.o.o.

Dol pri Ljubljani 28

1262 Dol pri Ljubljani

Slovenia

4. Systems of assessment and verification of constancy of performance of the construction product:

System 3

5. Harmonised standard:

EN 13163:2012 + A1:2015

Notified bodies:

NB 1404 - Zavod za gradbeništvo Slovenije (ZAG)

6. Declared performances:

CE- technical code**EPS-EN 13163-L2-W2-T1-S2-P3-CS(10)100-TR150-BS150-DS(N)2-DS(70,-)1-WL(T)2**

Essential characteristic	Mark	Performance	Unit	Declared	Harmonised technical spec.
Length	L	1000	mm	L2	EN 822
Width	W	500	mm	W2	EN 822
Thickness	T	30-250	mm	T1	EN 823
Squareness	S	1000/500	mm	S2	EN 824
Flatness	P	1000/500	mm	P3	EN 825
Dimensional stability	DS(N)	1000/500	%	DS(N)2	EN 1603
Dim. stability under spec. temp.	DS(70)	1000/500	%	DS(70,-)1	EN 1604
Compressive stress at 10% def.	CS	≥100	kPa	CS(10)100	EN 826
Bending strength	BS	≥150	kPa	BS150	EN 12089
Transverse tensile strength	TR	≥150	kPa	TR150	EN 1607
Compressive creep	CC	NPD	kPa	NPD	EN 1606
Water absorption – LT by total immersion	WL(T)	≤2	%	≤2	EN 12087
Water absorption – LT by diffusion	WD(V)	NPD	%	NPD	EN 12088
Water vapour diffusion resistance	μ	NPD	-	NPD	EN 12086
Thermal conductivity	λ _D	0,031	W/mK	0,031	EN 12667
Fire resistance	-	Euro class E	-	Euro class E	EN 13501-1

Essential characteristic	Mark	Performance											
		10	20	30	40	50	60	70	80	90	100	120	130
Thickness (mm)	d												
Thermal resistance (m ² K/W)	R _D	-	-	0,95	1,25	1,60	1,90	2,25	2,55	2,90	3,20	3,85	4,15
Thermal transmittance (W/m ² K)	U	-	-	1,033	0,775	0,620	0,517	0,443	0,388	0,344	0,310	0,258	0,238
Thickness (mm)	d	135	140	150	160	180	200	220	240	250	260	280	300
Thermal resistance (m ² K/W)	R _D	4,35	4,50	4,80	5,15	5,80	6,45	7,05	7,70	8,05	-	-	-
Thermal transmittance (W/m ² K)	U	0,229	0,221	0,207	0,194	0,172	0,155	0,141	0,129	0,124	-	-	-

The performances of the product identified above are in conformity with the declared performances. This declaration of performance is issued under the sole responsibility of the manufacturer identified above, as it is stated in regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

Peter Modic
Assistant to supply chain director

Nova vas, 01. 08. 2019



JUB d.o.o.
Dol pri Ljubljani 28
SI-1262 Dol pri Ljubljani
Slovenija

15