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Član Skupine JUB

DECLARATION OF PERFORMANCE

No.: E-035/26

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1. Unique identification code of the type of product:

   EUROTHERM EPS F Strong 031 – Graphite

2. Intended use:

   Expanded polystyrene graphite boards
   For thermal insulation of the facade base (plinth)

3. Manufacturer:

   EUROTHERM ®

   JUB d.o.o.

   Dol pri Ljubljani 28

   1262 Dol pri Ljubljani

   Slovenia

4. Systems of evaluating and verifying stability of characteristics: **System 3**

5. Harmonized standard:

   EN 13163:2012 + A1:2015

   Notified bodies:

   NB 1404 – Slovenian National Building and Civil Engineering Institute

6. Stated characteristics:

CE- technical code

EPS-EN 13163-L2-W2-T1-S2-P3-CS(10)100-TR200-BS150-DS(N)2-DS(70,-)1-WL(T)2

Key characteristics	Denomination	Characteristic	Unit	Declared	Harmonised technical specifications
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
Smoke. Stability at a certain temp.	DS(70)	1000/500	%	DS(70,-)1	EN 1604
Compressive strength at 10% def.	CS	≥100	kPa	CS(10)100	EN 826
Flexural strength	BS	≥150	kPa	BS150	EN 12089
Tensile strength perpendicular to the surface	TR	≥200	kPa	TR200	EN 1607
Compressive creep	CC	NPD	kPa	NPD	EN 1606
Water absorption – long lasting with immersion	WL(T)	≤2	%	≤2	EN 12087
Water absorption – long-term by diffusion	WD(V)	NPD	%	NPD	EN 12088
Water vapor diffusion resistance	μ	NPD	-	NPD	EN 12086
Thermal conductivity coefficient	λ_D	0,031	W/mK	0,031	EN 12667
Fire reaction	-	Euro class E	-	Euro class E	EN 13501-1

Key characteristics	Denomination	Characteristics											
Board thickness (mm)	**d**	**10**	**20**	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**120**	**130**
Thermal resistance (m^2K/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^2K)	U	-	-	1,033	0,775	0,620	0,517	0,443	0,388	0,344	0,310	0,258	0,238
Board thickness (mm)	d	**140**	**150**	**155**	**160**	**180**	**200**	**220**	**240**	**250**	**260**	**280**	**300**
Thermal resistance (m^2K/W)	R_D	4,50	4,80	5,00	5,15	5,80	6,45	7,05	7,70	8,05	-	-	-
Thermal transmittance (W/m^2K)	U	0,221	0,207	0,200	0,194	0,172	0,155	0,141	0,129	0,124	-	-	-

Characteristics of the above mentioned product are in accordance with the stated characteristics, According to the Directive (EU) No, 305/2011, the producer referred to above shall be exclusively responsible for issuing this declaration of characteristics.

Signed for and in the name of the producer:

Peter Modic
Head of the EPS Sector

Nova vas, 10 October 2026


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