

Declaration of Performance No. 060-CPR-EPSFFP

1. Unique identification code of the product type:	Austrotherm EPS FF-PLUS
Designation code:	EPS-EN 13163-T1-L2-W2-Sb2-P5-DS(N)2-DS(70,-)1-BS125-CS(10)70-TR130-WL(T)2-MU(20-40)
2. Type, batch or serial number:	see the seal on the plates
3. Intended use/uses:	Thermal insulation for buildings.
4. Manufacturer:	Austrotherm Bulgaria EOOD, Kazichene, Industrial Zone, 1532 Sofia; www.austrotherm.bg
5. System(s) for assessing and verifying constancy of performance:	System 3
6. Harmonized standard:	EN 13163:2012+A2:2016 National reference number BDS EN 13163:2012+A2:2017
Notified body/bodies:	Research Institute of Building Materials NB 2032 (previous number NB 1950)
7. Declared performance indicators:	

Essential characteristics	Performance indicators	Harmonized technical specification
Thermal resistance	Thermal resistance	see the table below
	Thermal conductivity coefficient	≤0.032 W/mK
	Thickness	T(1)
Dimensions	Length tolerance class	L(2)
	Width tolerance class	W(2)
	Squareness tolerance class	S(2)
	Flatness tolerance class	P(5)
Reaction to fire	Reaction to fire	Euroclass E
Durability of thermal resistance under the influence of heat, weathering, aging/destruction	Dimensional stability under constant normal laboratory conditions	± 0.2%
	Dimensional stability under certain temperature and humidity conditions	≤ 1%
Compressive strength	Compressive stress at 10% strain	CS ≥ 70 kPa
Tensile/flexural strength	Bending strength	BS ≥ 125 kPa
	Tensile strength perpendicular to surfaces	TR ≥ 130 kPa
Water permeability	Continuous water absorption upon complete immersion	≤ 2%
	Water absorption during prolonged partial immersion	< 0.5 kg/m ²
Water vapor permeability	Water vapor diffusion resistance number (μ)	20+40
Bulk density	Bulk density	≥14 kg/m ³

EN 13163:2012+A2:2016 National reference number BDS EN 13163:2012+A2:2017

8 The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Sofia, 11/2024

Manager
Diana Chobanova



Table Thermal resistance according to EN 13163:2012+A2:2016

d _N mm	R _D m ² K/W
10	0.30
20	0.60
30	0.90
40	1.25
50	1.55
60	1.85

d _N mm	R _D m ² K/W
70	2.15
80	2.50
90	2.80
100	3.10
110	3.40
120	3.75

d _N mm	R _D m ² K/W
130	4.05
140	4.35
150	4.65
160	5.00
170	5.30
180	5.60

d _N mm	R _D m ² K/W
190	5.90
200	6.25
210	6.55
220	6.85
230	7.15
240	7.50

d _N mm	R _D m ² K/W
250	7.80
260	8.10
270	8.40
280	8.75
290	9.05
300	9.35