

# FRAGMAT NEO SUPER F

Description of the product: Cut board of expanded polystyrene(EPS)

Characteristics of the product: Boards Fragmat NEO SUPER F are with grey-black colour, without aroma and it doesn't consist any harmful ingredients. The boards are in rectangular form 0.5m x 1.0m, with standard thickness from 10mm to 200mm.

The quality responds to standard EN 13163, and reaction to fire responds to DIN 4103 in class B1, or by EN 13501-1 in class E. It doesn't consists Freon (CFC free).

Code index by EN 13163:

**EPS-EN 13163-T2-L2-W2-S1-P5-BS150-CS(10)90-WL(T)2-MU-DS(70,-)1-TR190**

Characteristic	EN Method	Unit	Declaration	Tolerance
Length	822	mm	L2	± 2
Width	822	mm	W2	± 2
Thickness	823	mm	T2	± 1
Squareness 1000 mm	824	mm	S1	± 5
Flatness	825	mm	P5	± 3
Bending strength	12089	kPa	BS182	≥ 100
Tensile strength	1607	kPa	194	≥ 100
	DIN 1408-10	kPa	194	≥ 100
Dimensional stability	1604	%	DS(70,-)	± 1.0
Reaction to fire	EN 13501-1		class E	
Thermal resistance (λ <sub>D</sub> )	12667	W/m.K	0.0302	
Compressive strength (at 10% deformation)	EN 826	kPa	92	≥ 90

Thickness – d (mm)

10	20	30	40	50	70	80	100	120	140	150	160	180	200
0.33	0.66	0.99	1.32	1.65	2.31	2.65	3.31	3.97	4.63	4.97	5.29	5.96	6.62

Thermal resistance – RD [m<sup>2</sup>K/W]

- Intended use: Boards Fragmat NEO SUPER F are in use for thermal insulation, to protect the object in according to ETAG 004.
- Method of building: Most suitable way is with sticking and mechanic attachment. While the construction process it should not be a subject of direct sunbeam (compulsorily use of protecting nets)
- Storing; Packing The packing are in packages, which consist 0.25 m<sup>3</sup> per package, with PE foi. The packing is taking at closed room, protected from UV ray, warmth, flame and other chemicals which can damage the product.
- For the product is issued: EC declaration of performance, according to European directive of construction materials.
- Certification body: NIISM, SOFIA, Ilija Beshkov 1  
Accredited by IA "BSA"  
Certificate no. 47 – approved N CPD 05-NB 1950/17/09/2007



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