

DECLARATION OF PERFORMANCE

Ng: DOP – 02-01/22

In accordance with the harmonized standard EN 13163:2012+A1:2015 in regulation (EU) 305 / 2011 Laying down harmonized conditions for the marketing of construction products :

- 1) Unique identification code of the product-type: **FRAGMAT EPS 80**
- 2) Intended use: **Thermal insulation product for buildings**
- 3) Manufacturer: **FRAGMAT- MAK d.o.o., Industrial Zone nas.Karposh 1300 Kumanovo, Part of Fragmat group, Fragmat TIM Slovenia**
- 4) Systems of AVCP: **(System 3/System 3)**
- 5) Harmonized standard: **EN 13163:2012+A1:2015**
- 6) Notified body: **NIISM,SOFIA Ilija Beskov 1 , Accredited by IA "BSA"**
- 7) Declared performance: **EPS-EN 13163-T2-L2-W2-S2-P4-BS170-CS(10)80-WL(T)1-DS(70,-)-TR150**

Format	1000mm x 500mm x d(mm)				
Essential Characteristic :	Performance				Harmonized technical specification
	EN Method	Unit	Declared	Tolerance	
Lenght	822	mm	L(2)	± 2	EN 13163:2012+A1:2015
Width	822	mm	W(2)	± 2	
Thickness	823	mm	T(2)	± 1	
Squareness	824	mm	S(2)	± 2	
Flatness	825	mm/m	P(4)	± 5	
Bending/Flexural strenght	12089	kPa	BS 170	≥ 100	
Compressive strenght (at 10% deformation)	826	kPa	81	± 80	
Dimensional stability on 70°C	1604	%	DS(70,-)1	≤0.5	
Tensile strenght	1607	kPa	TR170	≥ 100	
Reaction to fire	13501-1	/	Class E	B1	
Thermal conductivity λ_D	12667	W/m.K	0,036	/	

d (mm)	10	20	30	40	50	60	70	80	100	120	140	160	180
R_D (m ² K/W)	0,27	0,55	0,83	1,11	1,38	1,66	1,94	2,22	2,77	3,37	3,88	4,44	5

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The performance in the product indentified in point 1 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer indentified in point 3.

Signed for and on behalf on manufacturer by:

General Manager
Jordan Arsovski

01.01.2022.

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