

DECLARATION OF PERFORMANCE No. DC0734.0-EN_03

1. Unique identification code of the product-type:

“KILMA-FORM-IT”

Code: 0734.15.12 – 0734.25.12 – 0734.35.12 – 0734.42.12 – 0734.58.12 – 0734.71.12

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR :

**EXPANDED POLYSTYRENE BOARD USED FOR THE THERMAL INSULATION OF BUILDINGS
EPS 150 – WHITE COLOR – T1 – L2 – W2 – S2 – P10 – DS(N) 2**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**Expanded polystyrene board used for the thermal insulation of the buildings complying with
EN 13163:2017**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

R.B.M. S.p.A. - Via Industriale, 23 - 25060 S. Giovanni di Polaveno (BS) – ITALY

www.rbm.eu

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 3

7. In case of the declaration of performance concerning a construction product covered by harmonized standard:

EN 13163:2017

IIP Notified Body No. 01597 has performed initial testing of the product

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

DECLARATION OF PERFORMANCE No. DC0734.0-EN_03

9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification	
Reaction to fire Continuos glowing combustion	Euroclass E NPD	EN 13163:2017	
Water permeability (Water absorption)	WL(T) 6		
Release of dangerous substances to the indoor environment	NPD		
Direct airborne sound insulation index (Dynamic stiffness)	NPD		
Acoustic absorption index	NPD		
Impact noise transmission index (for floors): - Dynamic stiffness - Thickness, dL - Compressibility	NPD		
Thermal resistance: - Thermal conductivity λ_D - Thickness \rightarrow Thermal resistance RD	0,033 W/(m•k) 15 mm \rightarrow 0,450 m ² •K/W 25 mm \rightarrow 0,750 m ² •K/W 35 mm \rightarrow 1,000 m ² •K/W 42 mm \rightarrow 1,250 m ² •K/W 58 mm \rightarrow 1,700 m ² •K/W 71 mm \rightarrow 2,100 m ² •K/W	EN 13163:2017	
Water vapour permeability (water vapour transmission)	μ 30-70		
Compressive strenght: - Compressive stress at 10% deformation - Deformation under specified compressive load and temperature conditions	CS(10) 150 NPD		
Tensile/Flexural strength: - Bending strength - Tensile strength perpendicular to faces	BS350 NPD		
Durability of reaction to fire against heat, weathering, ageing/degradation(Durability characteristics)	NPD		
Durability of thermal resistance against heat,weathering,ageing/degradation: - Thermal resistance-thermal conductivity - Durability characteristics	NPD		
Durability of compressive strenght against ageing and degradation: - Compressive creep - Freeze-thaw resistance - Long term thickness reduction	NPD		
Compressibility class	SC1 a ₂ Ch		NF DTU 52.10

DECLARATION OF PERFORMANCE No. DC0734.0-EN_03

10. The performance of the product identified in points 1 and 2 is conformity with declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:

Guido Bossini – CEO

(name and function)

Nave, 14/06/2021

(Place and date of issue)



(signature)