EDILTEC INSULATION S.P.A.
Sede Legale e Stabilimento:
Z.I. C.da Stampalone – 64036 Cellino Attanasio (TE)
Sede Amministrativa:
Strada dell'Alpo 27 – 37136 Verona – Tel. 045 8201406
Ufficio Commerciale:
Via Giardini 474/M – 41124 Modena – Tel. 059 2916411
info@ediltec.com – www.ediltec.com – PEC:ediltecinsulation@legalmail.it

DECLARATION OF PERFORMANCE (DoP)

Nº 040006-CPR2013-IT

CE

1. Unique identification code of the product-type:

X-FOAM MLB

Extruded polystyrene boards (XPS)

2. Intended use of the product: **Thermal insulation for buildings according to EN 13164**

3. Name and contact of the manufacturer:

EDILTEC INSULATION S.p.A.
Z.I. CONTRADA STAMPALONE – 64036 – CELLINO ATTANASIO (TE)
Ph. 0861 668008 – Fax. 0861 669256

4. System of assessment and verification of constancy of performance: **System 3**

5. Notified bodies:

ISTITUTO GIORDANO, Via Rossini, 2 – 47814 Bellaria (RN) – ITALIA, NB 0407; FIW – FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ e.V. Manchen Lochhamer Schlag 4 – 82166 Gräfelfing, NB 0751

Notified testing laboratories (NB 0407 and NB 0751) carried out determination of the product type (ITT) for groups of products according to characteristic.

- The performance of the product identified in point 1 is in conformity with the declared performance in Annex
- This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3

6. Declared performance

Essential characteristics	Performance	European standard
Thickness tolerance class	**Declared Class T2:** ± 1,5 mm	EN 13164:2012 + A1:2015
Dimensional stability under specified conditions	**Declared class: DS(70,90)** A 70° C e 90% U.R.: Change in size ≤ 5%	
Long term water absorption by total immersion (28 days)	**Declared level: WL(T)0,7** Absorption ≤ 0,7% vol.	
Long term water absorption by diffusion (28 days)	**Declared level: WD(V)3** Absorption ≤ 3% vol. (thick. < 60 mm) **Declared level: WD(V)2** Absorption ≤ 2% vol. (thick. 60 mm) **Declared level: WD(V)1** Absorption ≤ 1% vol. (thick. > 60 mm)	
Freeze-thaw resistance	**Declared level: FTCD1** Absorption ≤ 1% vol.	
Deformation under specified conditions	**Declared class: DLT(2)5** A 70° C , 168 h, 40 kPa: Change in size ≤ 5%	

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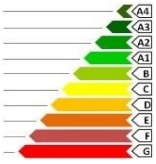

6. Declared performance: (Nº 040006-CPR2013-IT)

Essential characteristics	Performance			European standard
Thermal conductivity (λ_D) and Thermal resistance (R_D)	**Thickness** [mm]	**λ_D:** [W/mK]	**R_D: [m^2K/W]**	EN 13164:2012 + A1:2015
	20	0,031	0,60	
	30	0,031	0,95	
	40	0,032	1,25	
	50	0,033	1,50	
	60	0,033	1,80	
	80	0,034	2,35	
	100	0,034	2,90	
Compressive strenght (at 10% deformation)	**Declared level: CS(10/Y)200** ≥ 200 kPa (thickn. 30 - 40 mm) **Declared level: CS(10/Y)250** ≥ 250 kPa (thickn. 50 - 60 mm) **Declared level: CS(10/Y)300** ≥ 300 kPa (thickn. 80 - 100 mm)			
Compressive Creep	**NPD**			
Tensile strenght	**Declared level: TR200** ≥ 200 kPa			
Reaction to fire	**Euroclass E**			
Durability of the reaction to fire against heat, weathering, aging/degradation	**The fire performance of XPS does not deteriorate with time**			
Water vapour diffusion resistance factor (μ)	**Declared level: MU80**			
Continuous glowing combustion	Test method under development – European norm not available yet			
Release of dangerous substances	Test method under development – European norm not available yet			

Cellino Attanasio (TE), 1 december 2023

The legal representative: