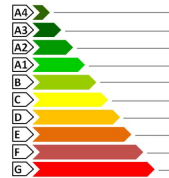




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DECLARATION OF PERFORMANCE

N° 040006-CPR2013-IT

(1/2)

1. Unique identification code of the product-type:

X-FOAM MLB
Extruded polystyrene panels (XPS)

2. Intended use of the product:

Thermal insulation for buildings according to EN 13164

3. Name and contact address of the manufacture:

EDILTEC S.R.L.
VIA GIARDINI, 474/M
41124 – MODENA (MO)
Phone 059 29 16 411 – Fax. 059 34 42 32

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

System 3

5. Notified body:

FIW – FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ e.V. Manchen Lochhamer Schlag
4 -82166 Gräfelfing

Notified testing laboratory (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

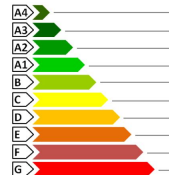
Modena 28-03-2018

The legal representative: Ing. Stefano Sboarina



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ANNEX DECLARATION OF PERFORMANCE

N° 040006-CPR2013-IT

(1/2)

Declared performance

Essential characteristics	Performance	Technical specification		
Thickness tolerance class	Declared Class T2: Thickness 20 – 100 mm: ± 1,5 mm	EN 13164:2012 + A1:2015		
Thermal conductivity (λ_D) and Thermal resistance (R_D)	Thickness (mm)		λ_D: W/mK	R_D: m²K/W
	20		0,032	0,60
	30		0,032	0,90
	40		0,033	1,20
	50		0,034	1,45
	60		0,034	1,75
	80		0,035	2,25
	100		0,035	2,85
Compressive strenght	Declared level: CS(10/Y)200 ≥ 200 kPa (thick. 20 – 40 mm) Declared level: CS(10/Y)250 ≥ 250 kPa (thick. 50 – 60 mm) Declared level: CS(10/Y)300 ≥ 300 kPa (thick. 80 – 100 mm)			
Tensile strenght perpendicular to faces	Declared level: TR600 ≥ 600 kPa			
Dimensional stability under specified conditions	Declared class: DS(70,90) A 70° C e 90% U.R.: Change in size ≤ 5%			
Deformation under specified conditions	Declared class: DLT(2)5 A 70° C , 168 ore, 40 kPa: 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)5 Absorption ≤ 5% vol. (thick. 20 – 50 mm) Declared level: WD(V)3 Absorption ≤ 3% vol. (thick. 60 - 100 mm)			
Water vapour diffusion resistance factor (μ)	Declared level: MU80 (thick. 20 - 100 mm)			
Freeze-thaw resistance	Declared level: FTCD1 Absorption ≤ 1% vol.			
Reaction to fire	Euroclass E			