EDILTEC INSULATION S.P.A.
Headquarters:
Z.I. C.da Stampalone – 64036 Cellino Attanasio (TE)
info@ediltec.com – www.ediltec.com
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DECLARATION OF PERFORMANCE

Nº 040102-CPR2013-IT

CE

1. Unique identification code of the product-type:

X-FOAM TRC

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 INSULATION S.p.A.

Z.I. CONTRADA STAMPALONE – 64036 – CELLINO ATTANASIO (TE)
Tel. 0861 668008 – Fax. 0861 669256

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

CE

Nº 040102-CPR2013-IT

Declared performance

Essential characteristics	Performance			Technical speficification
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:** m^2K/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**			