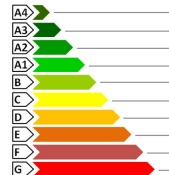




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## DECLARATION OF PERFORMANCE

N° 040002-CPR2013-IT

(1/2)

1. Unique identification code of the product-type:

**X-FOAM HBD**  
**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° 040002-CPR2013-IT

(1/2)

### Declared performance

Essential characteristics	Performance	Technical specification		
<b>Thickness tolerance class</b>	<b>Declared Class T1:</b> Thickness < 50 mm: ±2 mm Thickness 50 – 100 mm: -2/+3 mm	EN 13164:2012 + A1:2015		
<b>Thermal conductivity (<math>\lambda_D</math>) and Thermal resistance (<math>R_D</math>)</b>	<b>Thickness (mm)</b>		<b><math>\lambda_D</math>: W/mK</b>	<b><math>R_D</math>: m<sup>2</sup>K/W</b>
	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
<b>Compressive strenght</b>	<b>Declared level: CS(10/Y)300</b> ≥ 300 kPa			
<b>Compressive creep</b>	<b>Declared level: CC(2/1,5/50)120</b> ≥ 120 kPa			
<b>Dimensional stability under specified conditions</b>	<b>Declared class: DS(70,90)</b> A 70° C e 90% U.R.: Change in size ≤ 5%			
<b>Deformation under specified conditions</b>	<b>Declared class: DLT(2)5</b> A 70° C, 168 ore, 40 kPa: Change in size ≤ 5%			
<b>Long term water absorption by total immersion (28 days)</b>	<b>Declared level: WL(T)0,7</b> Absorption ≤ 0,7% vol.			
<b>Long term water absorption by diffusion (28 days)</b>	<b>Declared level: WD(V)5</b> Absorption ≤ 5% vol. (thick. 30 – 50 mm)			
	<b>Declared level: WD(V)3</b> Absorption ≤ 3% vol. (thick. 60 - 100 mm)			
<b>Water vapour diffusion resistance factor (<math>\mu</math>)</b>	<b>Declared level: MU150</b> (thick. 30 mm)			
	<b>Declared level: MU100</b> (thick. 40 - 100 mm)			
<b>Freeze-thaw resistance</b>	<b>Declared level: FTCD1</b> Absorption ≤ 1% vol.			
<b>Reaction to fire</b>	<b>Euroclass E</b>			