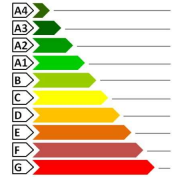




Uffici  
Via Giardini, 474/M  
41124 Modena  
Tel. 059 2916411  
Fax 059 344232  
info@ediltec.com

Stabilimento  
Z.I. C.da Stampalone  
64036 Cellino Attanasio (TE)  
Tel. 0861 668008  
Fax 0861 669256  
www.ediltec.com



## DECLARATION OF PERFORMANCE

N° 040007-CPR2013-IT

(1/2)

1. Unique identification code of the product-type:

**X-FOAM WAFER**  
**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° 040007-CPR2013-IT

(1/2)

### Declared performance

Essential characteristics	Performance	Technical specification	
Thickness tolerance class	<b>Declared Class T2:</b> Thickness 20 - 300 mm: $\pm 1,5$ mm		
Thermal conductivity ( $\lambda_D$ ) and Thermal resistance ( $R_D$ )	<b>Thickness (mm)</b>		
	20	$\lambda_D$ : W/mK	$R_D$ : m <sup>2</sup> K/W
	30	0,032	0,60
	40	0,032	0,90
	50	0,033	1,20
	60	0,034	1,45
	80	0,034	1,75
	100	0,035	2,25
	120	0,035	2,85
	140	0,036	3,30
	160	0,034	4,15
	180	0,034	4,70
	200	0,034	5,25
	220	0,035	5,75
	240	0,035	6,30
260	0,035	6,85	
280	0,035	7,45	
300	0,035	8,55	
Compressive strenght	<b>Declared level: CS(10/Y)200</b> $\geq 200$ kPa (thick. 20 - 40 mm) <b>Declared level: CS(10/Y)250</b> $\geq 250$ kPa (thick. 50 - 300 mm)	EN 13164:2012 + A1:2015	
Tensile strenght perpendicular to faces	<b>Declared level: TR600</b> $\geq 600$ kPa		
Dimensional stability under specified conditions	<b>Declared class: DS(70,90)</b> A 70° C e 90% U.R.: Change in size $\leq 5\%$		
Deformation under specified conditions	<b>Declared class: DLT(2)5</b> A 70° C , 168 ore, 40 kPa: Change in size $\leq 5\%$		
Long term water absorption by total immersion (28 days)	<b>Declared level: WL(T)0,7</b> Absorption $\leq 0,7\%$ vol.		
Long term water absorption by diffusion (28 days)	<b>Declared level: WD(V)5</b> Absorption $\leq 5\%$ vol. (thick. 20 - 50 mm) <b>Declared level: WD(V)3</b> Absorption $\leq 3\%$ vol. (thick. 60 - 300 mm)		
Water vapour diffusion resistance factor ( $\mu$ )	<b>Declared level: MU80</b> (thick. 20 - 300 mm)		
Freeze-thaw resistance	<b>Declared level: FTCD1</b> Absorption $\leq 1\%$ vol.		
Reaction to fire	<b>Euroclass E</b>		