

Declaration of Performance

Declaration of Performance
Identification: IRE/FR/MG
Version No. 1
July 2013

1. Product Type:

Unique identification code of the product-type:

Thin-R Flat Roof MG

2. Type:

Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

Batch No on board

3. Intended use:

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Thermal Insulation for Buildings

4. Name, registered trade name:

Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

**Xtratherm Ltd.
Liscarton Ind. Est.
Kells Road
Navan
Co Meath
Ireland**

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not applicable (see 4)

6. AVCP:

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 3

7. Notified body (hEN):

In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:

**EN 13165
Notified Body: COBR PIB
Notified Body No: 1486
Performed type testing under system 3 and issued test reports.**

8. Notified body (ETA):

In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:

Not applicable (see 7)

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Xtratherm[®]
More than insulation

9. Declared Performance

Essential characteristics	Performance	Test Standard	Harmonised Standard
Thermal conductivity	$d_N < 80\text{mm}$: 0.027	EN 12667	EN 13165
	$80\text{mm} \leq d_N < 120\text{mm}$: 0.025		
	$d_N \geq 120\text{mm}$: 0.024		
Reaction to fire	Euroclass E	EN 13501	
Reaction to fire (end use steel deck)	Euroclass B, s1- d0	EN 13501	
Thickness	T2	EN 823	
Length and width	$< 1000\text{mm}$: $\pm 5\text{mm}$	EN 822	
	$1000 \text{ to } 2000\text{mm}$: $\pm 7,5\text{mm}$		
	$2001 \text{ to } 4000\text{mm}$: $\pm 10\text{mm}$		
	$> 4000\text{mm}$: $\pm 15\text{mm}$		
Squareness	$S_b \leq 5\text{mm/m}$	EN 824	
Flatness	Length: $\leq 2,5\text{m}$	EN 825	
	Area $\leq 0,75\text{m}^2$: Deviation $\leq 5\text{mm}$		
	Area $> 0,75\text{m}^2$: Deviation $\leq 10\text{mm}$		
Dimensional stability	DS (70,90)4	EN 1604	
Dimensional stability	DS (-20,-)2	EN 1604	
Compressive Strength	CS (10\Y) 150	EN 826	
Tensile Strength	TR 80	EN 1607	

10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Barry Rafferty, Operations Director Xtratherm Ltd.
Navan, 21-06-2013

