Declaration of Performance

Thermaroof TR26 LPC/FM

1000.CPR.2013.TR26.001

1.	Unique identification code of the product-type	**Thermaroof TR26 LPC/FM**
2.	Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)	**See product label and marking on boards**
3.	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 or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)	**Kingspan Insulation** **Pembridge** **Leominster** **Herefordshire** **HR6 9LA**
5.	Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)	**Not relevant**
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V	**System 3**
7.	In case of the declaration of performance concerning a construction product covered by a harmonised standard	**EN 13165:2012** **Notified testing laboratory FIW München (No. 0751) and Exova (No. 1104) performed the determination of the product type on the basis of type testing (based on sampling carried out by the manufacturer), type calculation, tabulated values or descriptive documentation of the product under system 3**
8.	In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued	**Not relevant**

9. Declared performance

Essential characteristics	Performance		Harmonised technical specification	
Thermal resistance	Thermal resistance R_D ((m².K)/W)	d_N 30mm 1.35 d_N 40mm 1.80 d_N 50mm 2.25 d_N 60mm 2.70 d_N 70mm 3.15 d_N 80mm 3.60 d_N 90mm 4.05 d_N 100mm 4.50 d_N 110mm 5.00 d_N 120mm 5.45 d_N 130mm 5.90 d_N 140mm 6.35 d_N 150mm 6.80 d_N 160mm 7.25	EN 13165:2012	EN 12667 EN 12939
	Thermal conductivity λ_D (W/(m.K))	0.022		
Thickness	d_N < 50mm d_N 50-75mm d_N > 75mm	T2; ±2mm T2; ±3mm T2; +5, -3mm		EN 823
Reaction to fire	Euroclass	RtF E		EN 13501-1
Compressive strength		CS(10\Y)150		EN 826
Tensile strength	Perpendicular to faces	TR40		EN 1607
Dimensional stability under specified temperature and humidity conditions	48 h, 70 ºC, 90 % R.H.	DS(70,90)3		EN 1604
	48 h, -20 ºC	DS(-20,-)1		
Deformation under specified compressive load and temperature conditions	40 kPa, 70 °C, 168 h	DLT(2)5		EN 1605

All other essential characteristics according to EN 13165:2012 Table ZA.1; NPD

Where pursuant to Article 37 or 38, the Specific Technical Documentation has been used, the requirements with which the product complies:
Not relevant

10. 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 is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

 Peter Wilson Managing Director	UK / 1st July 2013
(name and function)	(place and date of issue)