

# Declaration of Performance

## Inno-Torch

1034\_BI\_2013\_INNOTORCH\_002  
 1001\_BI\_2013\_INNOTORCH\_002

Unique identification code of the product-type: **Inno-Torch**  
 Intended use/es: **Thermal insulation for buildings**  
 Manufacturer: **EcoTherm Insulation (UK) Ltd, Harvey Road, Burnt Mills Ind Est, Basildon, Essex SS13 1QJ**  
 System/s of AVCP: **System 3**  
 Harmonised technical specification: **BS-EN 13165:2012+A1:2015**  
 Notified body/ies: **FIW München NB. 0751 University of Salford NB 1145.Exova NB 1104**

Essential characteristics		Performance
Thermal resistance	Thermal resistance $R_D$ ((m <sup>2</sup> .K)/W)	$d_N$ 30mm 1.15
		$d_N$ 40mm 1.50
		$d_N$ 50mm 1.90
$d_N$ 60mm 2.30		
$d_N$ 70mm 2.65		
$d_N$ 80mm 3.20		
$d_N$ 90mm 3.60		
$d_N$ 100mm 4.00		
$d_N$ 120mm 5.00		
$d_N$ 130mm 5.40		
$d_N$ 140mm 5.83		
$d_N$ 150mm 6.25		
$d_N$ 200mm 8.33		
	Thermal conductivity $\lambda_D$ (W/(m.K))	$d_N < 80$ mm 0.026 $d_N$ 80-119mm 0.025 $d_N \geq 120$ mm 0.024
	Thickness tolerance	$d_N$ 25-200mm T2
Reaction to fire		NPD
Durability of reaction to fire against heat, weathering, ageing / degradation		Reaction to fire does not change with time
Dimensional stability under specified temperature and humidity condition		DS(70,90)3
		DS(-20,-)1
Deformation under specified compressive load and temperature conditions		DLT(2)5
Compressive strength	Compressive stress or compressive strength	CS(10\Y)150
Tensile / Flexural strength	Tensile strength perpendicular to faces	TR80
Durability of compressive strength against ageing / degradation	Compressive creep	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	NPD
	Flatness after one sided wetting	NPD
Water vapour permeability	Water vapour transmission	NPD
Acoustic absorption index	Sound absorption	NPD
Release of dangerous substances to the indoor environment		No harmonized test method available
Continuous glowing combustion		No harmonized test method available
NPD: No Performance Determined		

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:  
 Richard Burnley  
 Managing Director UK and Ireland 1/1/2016  
 Pembridge, England, UK, Selby, England, UK, Basildon

