

Declaration of Performance

Therma™ TT40

1036.CPR.2013.TT40.005

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Harmonised technical specification:

Notified body/ies:

Therma™ TT40

Thermal insulation for buildings

Kingspan Insulation BV - Lorentzstraat 1 - 7102 JH, Winterswijk (NL)

System 4; reaction to fire

System 3; all other characteristics

EN 13165:2012+A2:2016

FIW München (No. 0751)

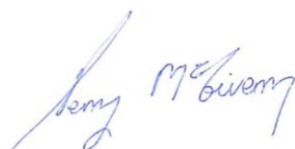
Essential characteristics		Performance
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	See product label
	Thermal conductivity λ_D (W/(m.K))	$d_N < 50\text{mm}$ 0.028
		$d_N 50-79\text{mm}$ 0.027
		$d_N 80-119\text{mm}$ 0.026
	Thickness tolerance	$d_N \geq 120\text{mm}$ 0.025
Reaction to fire		$d_N 20-49\text{mm}$ T3
		$d_N 50-200\text{mm}$ T2
Durability of reaction to fire against heat, weathering, ageing / degradation		RtF F
Dimensional stability under specified temperature and humidity condition		NPD
Deformation under specified compressive load and temperature conditions		DS(70,90)3
		DS(-20,-)1
Compressive strength	Compressive stress or compressive strength	DLT(2)5
Tensile / Flexural strength	Tensile strength perpendicular to faces	CS(10\Y)120
Durability of compressive strength against ageing / degradation	Compressive creep	TR80
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		NPD
Continuous glowing combustion		NPD
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:

Terry Mc Givern,

Managing Director Continental Europe



Winterswijk, The Netherlands, 01.02.2025