

Declaration of Performance

Therma™ TR20

1036.CPR.2013.TR20.003

Unique identification code of the product-type:
Intended use/es:
Manufacturer:
System/s of AVCP:

Therma™ TR20
Thermal insulation for buildings
Kingspan Insulation BV - Lorentzstraat 1 - 7102 JH, Winterswijk (NL)
System 4; reaction to fire
System 3; all other characteristics
NEN-EN 13165:2012+A2:2016
FIW München (No. 0751)

Harmonised technical specification:
Notified body/ies:

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	d_N 50mm	1.85
		d_N 70mm	2.55
		d_N 80mm	3.05
		d_N 100mm	3.80
	Thermal conductivity λ_D (W/(m.K))	$d_N < 80$ mm	0.027
		$d_N \geq 80$ mm	0.026
	Thickness tolerance	d_N 50-100mm	T2
Reaction to fire			F
Durability of reaction to fire against heat, weathering, ageing / degradation			NPD
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			CS(10\Y)120
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
	Long term at total immersion		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

Terry McGivern

Terry McGivern (Oct 29, 2025 07:23:50 GMT+1)

Winterswijk, The Netherlands, 27.10.2025