



Declaration of Performance

Kingspan Thermawall® TW52 Insulated Plasterboard

1002.CPR.2013.TW52.004

Unique identification code of the product-type:

Intended use/es:

Manufacturer:

System/s of AVCP:

Designated technical specification

Notified body/ies:

**Kingspan Thermawall® TW52 Insulated Plasterboard
Thermal insulation for buildings**

**Kingspan Insulation Ltd, Bree Industrial Estate,
Castleblayney, Co Monaghan, Ireland A75 X966**

System 3 (All Properties)

EN 13950:2014

Efectis (1812), FIW (0751)

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m ² .K)/W)	Insulation Component	
		d _N 25mm	1.10
		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
		Plasterboard Component	
		d _N 12.5mm	0.050
	Thermal conductivity λ_D (W/(m.K))	d _N 25mm- 80mm	0.022
		Plasterboard	0.250
	Thickness tolerance	+/-3mm	
Reaction to fire	Reaction to fire	B-s1,d0	
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability characteristic	NPD	
Dimensions	Length and Width	Length	+8mm or -5mm
		Width	± 5.0 mm
Offset	Length	+8mm or -5mm	
	Width	± 5.0 mm	
Adhesion/Cohesion	Perpendicular to main face	≥ 0.017MPa	
Flatness	On plasterboard face	≤ 5.0mm	



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Flexural Strength	Transverse	≥ 160 N
	Longitudinal	≥ 400 N
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD
Continuous glowing combustion	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:

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Siobhan O'Dwyer
Managing Director, Ireland
Date signed: 19th May 2025
Issue Number: 004



For the most up-to-date version of the Declaration of Performance please scan or [click here](#)

To access pre-existing product information or information relating to previously sold/discontinued products please email info@kingspaninsulation.ie