



Declaration of Performance

Kingspan Tarec™pir M1-CR 42

1065.CPR.2013.TarecpirM1-CR-42.001

Unique identification code of the product-type:

Kingspan Tarec™pir M1-CR 42

- This DoP comprises unfaced products and all faced products manufactured and supplied by KTI

- This DoP comprises all shapes within the scope of EN 14308:2009+A1:2013

Intended use/s:

**Factory made polyurethane (PU) and polyisocyanurate foam (PIR) products
Thermal insulation for building equipment or industrial installations**

Manufacturer:

Kingspan Insulation NV - Visbeekstraat 24 - B-2300, Turnhout (BE)

System/s of AVCP:

System 3

Harmonised technical specification:

EN 14308:2009+A1:2013

Notified body:

Efectis France NB.1812, FIW München NB. 0751

Essential characteristics		Performance
Thermal resistance	Thermal conductivity λ_D (W/(m.K))	See $\lambda(T)$ chart
	Dimension and tolerances	$d_D =$ Any thickness $D_i =$ Every diameter
Density (kg/m ³): 42 Reaction to fire; faced products : - Triplex T50	Outside diameter ≤ 300 mm Outside diameter > 300 mm	E_L E
Density (kg/m ³): 42 Reaction to fire; faced products : - Q1000	Outside diameter ≤ 300 mm Outside diameter > 300 mm	E_L E
Density (kg/m ³): 42 Reaction to fire; unfaced products :	Outside diameter ≤ 300 mm Outside diameter > 300 mm	E_L E
Durability of reaction to fire against ageing/degradation and high temperature		NPD
Durability of thermal resistance against high temperature	Maximum service temperature (°C)	ST(+) +120
Durability of thermal resistance against ageing/degradation	Maximum service temperature (°C)	ST(+) +120
	Minimum service temperature (°C)	ST(-) -180 *
	Dimensional stability at specified temperature	NPD
Compressive Strength	Compressive stress at 10% deformation or yield	NPD
Water permeability	Short term water absorption	NPD
	Long term water absorption	NPD
Water vapour permeability	Water vapour permeability	NPD
	Closed Cell Content	CV
Release of corrosive substances		NPD
Release of dangerous substances to the indoor environment		NPD
Continuous glowing combustion		NPD
NPD: No Performance Determined		

* Due to the risk associated with organic substances in the presence of liquid oxygen, it is recommended to consult the manufacturer if PUR/PIR products are intended for use below -180°C (as per Annex D.8 of EN 14308:2009+A1:2013).



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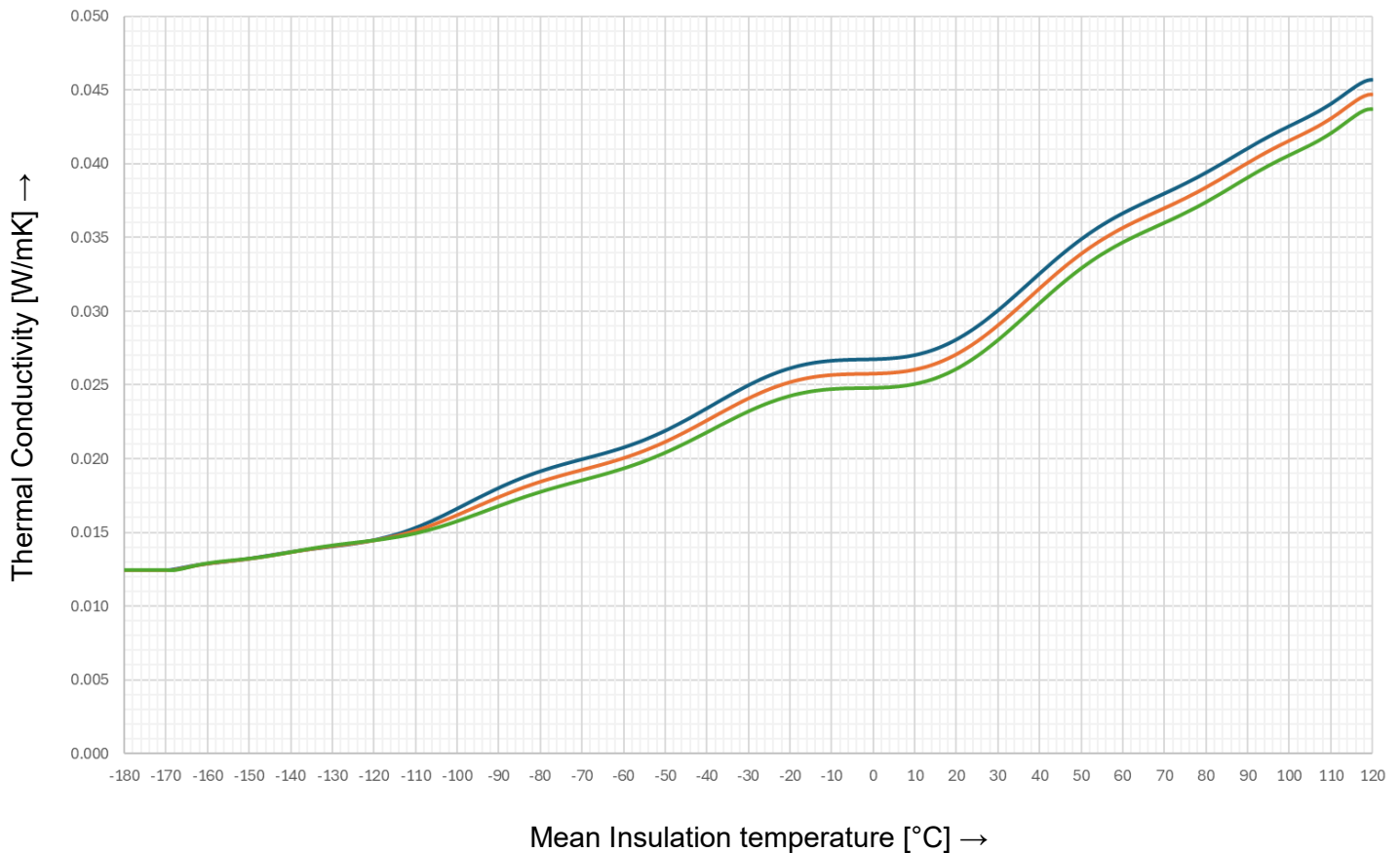
The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

[Terry McGivern \(Apr 28, 2026 09:39:02 GMT+1\)](#)

Terry Mc Givern
Managing Director
Turnhout, Belgium
Issue Number: 001

Thermal Conductivity Curve: Tarecpir M1-CR 42



Legend dD = Thickness
— dD < 80mm — 80 < dD < 120mm — dD ≥ 120mm