

EC Declaration of Performance (DoP)

Tarecpir[®] M1-CR 33-50

Formatted in accordance with EN 14308:2009+A1:2013 and Regulation (EU) No 305/2011 – Article 7

Regulated Information

1. Unique identification code of the product-type

Tarecpir[®] M1-CR (densities of 33 up to, and including 50 kg/m³)

- This DoP comprises unfaced products and all faced products manufactured and supplied by KTII.
- This DoP comprises all shapes within in the scope of EN 14308:2009+A1:2013

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)

Order number

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

Rigid polyurethane or polyisocyanurate foam, intended to be used as thermal insulation product for building equipment or industrial installations.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)

Kingspan Tarec Industrial Insulation NV
Visbeekstraat 24
B - 2300 Turnhout, Belgium

Tel: +32 14 44 25 25
Fax: +32 14 42 72 21
E-mail: info.be@kingspantarec.com

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

Products with a Reaction to Fire class B or C: AoC System 1
Products with a Reaction to Fire class D, E or NP(D) (F): AoC System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard

Notified certification body No. 0749 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire under system AVoCP 1.

Notified testing laboratories No. 0751 and 1173 determined the production type under system AVoCP 1 and 3.

Forschungsinstitut für Wärmeschutz

Lochhamer Schlag 4
82166 Gräfelfing
Tel +49 (0) 89 85800 48
Fax +49 (0) 89 85800 40

Notified Body number: 0751

Warrington Fire Research Gent

Ottergemsesteenweg-Zuid 711
B-9000 Ghent
Tel +32 (0) 9 243 77 50
Fax +32 (0) 9 243 77 51

Notified Body number: 1173

BCCA

Aarlenstraat 53
1040 Brussels
Tel +32 (0) 2 238 24 11
Fax +32 (0) 2 238 24 01

Notified Body number: 0749

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued

Not applicable

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9. Declared performance

| Essential characteristics | Performance | | Harmonised technical |
|---|---|--|-----------------------|
| | Remark | Declaration | |
| Reaction to fire | Faced product - Triplex Faced product - Reinf. TR200 Faced product - Reinf. TR470 Faced product - Other Unfaced product | E/E _L E/E _L C/C _L - s2,d0 NPD(F/F _L) D/D _L - s3,d0 | EN 14308:2009+A1:2013 |
| Thermal resistance - Thermal conductivity - Thickness | | See $\lambda(T)$ -curve Thickness as specified on the label | |
| Compressive strength | | NPD | |
| Water permeability | | NPD | |
| Water vapour permeability - Water vapour transmission - Closed cell content | | NPD CV(90) | |
| Continuous glowing combustion | | NPD | |
| Release of corrosive substances | | NPD | |
| Release of dangerous substances to the indoor environment | No harmonized test method available | N/A | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Reaction to fire does not change with time | N/A | |
| Durability of thermal resistance against ageing/degradation - Dimensional stability under specified conditions - Maximum service temperature - Minimum service temperature | | DS(TH)3 ST(+)+120 ST(-)-180 | |

Remarks

The purpose of this document is compliance of the product declarations with the relevant European product standard EN 14308. Products within the scope of this product standard bear the CE mark as shown aside. The acronym 'NPD' (No Performance Determined) indicates that no performance is declared. For more elaborate technical details, the technical data sheets remain the primary source of information. This document is intended to complement, not replace the official KTII Technical Data Sheets.



Conformity

The performance of the product identified by the product description is in conformity with the declared performance.

Signed for and on behalf of the Manufacturer by:

Eddy Cousaert
Plant Manager, Kingspan Tarec Industrial insulation NV

Turnhout, Belgium
18/06/2013

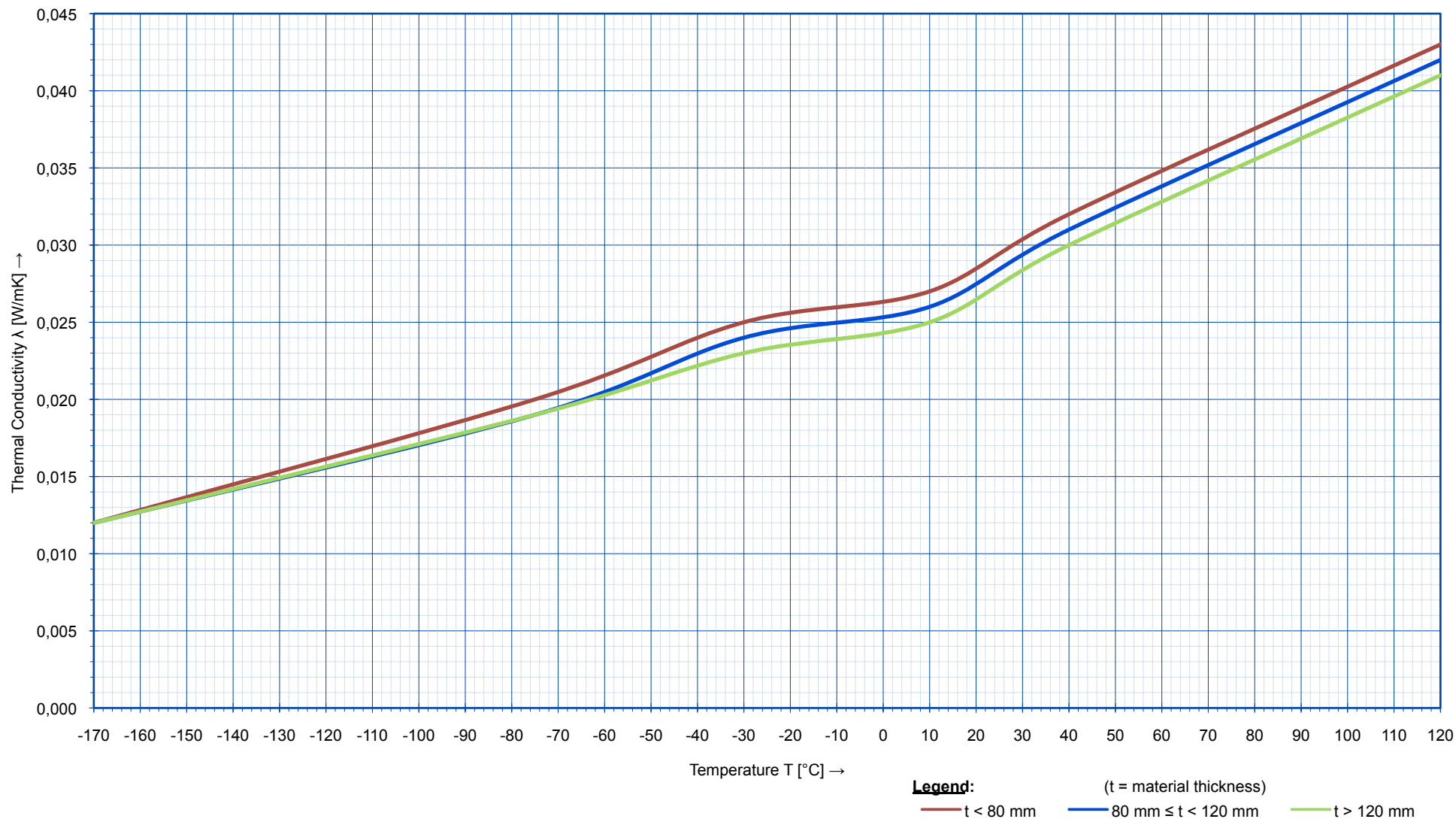
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Thermal Conductivity Curve: Tarecpir[®] M1-CR of density 33 up to 40 kg/m³

Declared Thermal Conductivity (λ_d) in accordance with EN 14308



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Thermal Conductivity Curve: Tarecpir® M1-CR of density 42 up to 50 kg/m³Declared Thermal Conductivity (λ_d) in accordance with EN 14308