



## EC Declaration of Performance (DoP)

# Kooltherm<sup>®</sup> FM Pipe Insulation $\geq 80\text{mm OD}$

Formatted in accordance with EN 14314:2009+A1:2013 and Regulation (EU) No 305/2011 – Article 7

### Regulated Information

#### 1. Unique identification code of the product-type

Kooltherm<sup>®</sup> FM Pipe Insulation  $\geq 80\text{mm OD}$  (nominal  $35\text{ kg/m}^3$  density)

- This DoP comprises all faced products manufactured and supplied by Kingspan.
- This DoP comprises all shapes within in the scope of EN 14314:2009+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 phenolic (PF) insulation, 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 Industrial Insulation Ltd  
Glossop Brook Road, Glossop SK13 8GP  
United Kingdom

Tel: [REDACTED]  
Fax: [REDACTED]  
E-mail: info@kingspaninsulation.co.uk

#### 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

AVCP System 3

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

Notified testing laboratories No. 0751 and 0833 determined the production type under system AVCP System 3.

#### Forschungsinstitut für Wärmeschutz

Lochhamer Schlag 4  
82166 Gräfelfing

Tel: [REDACTED]  
Fax: [REDACTED]

#### Exova Warrington Fire

Holmesfield Road, Warrington  
WA1 2DS, United Kingdom

Tel: [REDACTED]  
Fax: [REDACTED]

Notified Body number: 0751

Notified Body number: 0833

#### 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 specification
	Remark	Declaration	
Reaction to fire	Faced product	B <sub>L</sub> – s1,d0	EN 14314:2009+A1:2013
Thermal resistance - Thermal conductivity - Thickness - Closed cell content		See $\lambda(T)$ -curve Thickness as specified on the label CV	
Compressive strength		CS(10/Y) 100	
Water permeability		NPD	
Water vapour permeability - Water vapour transmission		NPD	
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 - Maximum service temperature - Minimum service temperature		ST(+)+100 ST(-) 0	

## Remarks

The purpose of this document is compliance of the product declarations with the relevant European product standard EN 14314. 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 Kingspan 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:

Philip J. Heath  
Business Unit Director,  
Kingspan Industrial Insulation Ltd

Glossop, United Kingdom  
02/06/2015

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### Contacts

- |  |   |
|--|---|
| UK, Ireland & Gibraltar  | - <b>Kingspan Industrial Insulation Ltd</b><br>Pembroke, Leominster, Herefordshire, HR6 9LA, United Kingdom<br>General Tel: [REDACTED]<br>Technical Tel: [REDACTED] |
| The rest of Europe (excluding Turkey, Malta & Cyprus) and Russia   | - <b>Kingspan Insulation N.V.</b><br>Visbeekstraat 24<br>B - 2300 Turnhout, Belgium<br>Tel: [REDACTED]  |
| Australasia, Oceania and SE Asia as far west and north as, and including, Myanmar, China, Mongolia and Japan     | - <b>Kingspan Insulation Pty Ltd</b><br>266 Beringarra Ave, Malaga, WA 6090, Australia<br>Tel: [REDACTED]<br>Tel: [REDACTED]  |
| Everywhere else excluding Canada, USA, Mexico, Bermuda, the Cayman Islands, Puerto Rico & St Pierre and Miquelon | - <b>PAL Middle East PIR LLC</b><br>P.O. Box 113826, Dubai Investment Park 2, Dubai, U.A.E.<br>Tel: [REDACTED]  |

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## Thermal Conductivity Curve: Kooltherm<sup>®</sup> FM Pipe Insulation $\geq 80\text{mm OD}$ Declared Thermal Conductivity ( $\lambda_d$ ) in accordance with EN 14314

