

## Declaration of Performance

### T4305JPCPR

1. Unique Identification code of the product-type:  
IPS 680.
2. Type, Batch or serial number or any other element allowing identification of the technical product as required under article 11(4) of the CPR:  
See Product Label.
3. Intended use or uses of the technical product , in accordance with the applicable harmonised technical specification foreseen by the manufacturer:  
Thermal Insulation products for building equipment and industrial installations –  
EN 14303:2009+A1:2013
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):  
Knauf Insulation  
Am Bahnhof 7, 97346 Iphofen,  
Deutschland  
[www.knaufinsulation.com](http://www.knaufinsulation.com)  
Contact: [dop@knaufinsulation.com](mailto:dop@knaufinsulation.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 technical products as set out in Annex V:
  - System 1: reaction to fire
  - System 3: Internal measurements for mechanical and thermal properties
7. In case of the declaration of performance concerning the technical products covered by a harmonised standard:  
Notified body No. 0751 performed the initial inspection of the manufacturing evaluation of factory production control, and issued the certificate of constancy of performance for reaction to fire.
8. In case of the declaration of performance concerning the technical products for which a European Technical Assessment has been issued:  
Not applicable.

9. Declared Performances:

T4305JPCPR			
Essential characteristics		Harmonised Standard	IPS 680
Form			Pipe Section
Type			IPS 680
Description			Non-combustible mineral wool concentrically wound pipe section
Produced on			Line 1 PU1
Nominal thickness (mm)		4.2.2.1	20-120 Length:1200 mm Inside diameter: 15-324 mm
Name			IPS 680
Dated			04/2015
Reaction to fire		4.2.4	A1 <sub>L</sub>
Continuous glowing combustion		4,3,10	NPD
Designation code			Outside diameter <150 mm: MW-EN14303-T8-ST(+)+680-WS1-CL10 Outside diameter ≥ 150 mm: MW-EN14303-T9-ST(+)+680-WS1-CL10
Thermal conductivity group			TC10
Additional performance			NPD
Dimensional stability		4,2,3	NPD
Compression Stress		4.3.4	NPD
Sound absorption		4.3.8	NPD
Release of dangerous substances		4.3.9	NPD
Durability Characteristics		4.2.5	NPD
Dimensions and tolerances		4.2.2	T8/T9
Water vapour diffusion resistance		4.3.6	NPD
Trace quantities of water soluble ions and pH- value		4.3.7	NPD
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,039
	100		0,045
	150		0,053
	200		0,062
	250		NPD
	300		0,087
	350		0,102
	400		NPD
	450		NPD
	500		NPD
	550		NPD
	600		NPD
	650		NPD
700	NPD		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ivan Zagorec – Plant Manager  
(Name and function)

A handwritten signature in blue ink, appearing to read 'Ivan Zagorec', with a horizontal line drawn through it.

Novi Marof – 30/04/2015  
(Place and date of issue)

(Signature)