

Declaration of Performance

T4305EPCPR

1. Unique Identification code of the product-type:
WM 640 GG, WM 640 SG, WM 640 S, WM 640 ALU GG, WM 640 ALU SG, WM 640 ALU S, FM D80 CB, FM D80 CB AluR, Fire-teK WM 908 GGA
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
Contact: 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:

Essential characteristics	T4305EPCPR			Harmonised Technical Standard	
	Performance(e)	Wired Mat WM 640 GG WM 640 SG WM 640 S	Wired Mat WM 640 ALU GG WM 640 ALU SG WM 640 ALU S		
Reaction to fire	Reaction to fire	A1	A1		
Continuous Glowing Combustion	Continuous Glowing Combustion	NPD	NPD		
Durability of thermal resistance against high temperature	Durability Characteristics °	NPD	NPD		
	Maximum service temperature – dimensional stability	640	640		
Durability of thermal resistance against ageing/degradation	Thermal Conductivity °	NPD	NPD		
	Dimensional Stability	NPD	NPD		
	Maximum service temperature – dimensional stability	640	640		
	Durability characteristics	NPD	NPD		
Durability of reaction to fire against high temperature	Durability characteristics °	A1	A1		
Durability of reaction to fire against ageing / degradation	Durability characteristics °	A1	A1		
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products	NPD	NPD		
Acoustic Absorption Index	Sound Absorption	NPD	NPD		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Substances	NPD	NPD		
Water Permeability	Water Absorption	WS1	WS1		
Water Vapour Permeability	Water Vapour Diffusion Resistance	NPD	NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble chloride and the pH-value ions	CL10	CL10		
Thermal Resistance	Dimensions & Tolerances	30-120 mm T2	30-120 mm T2		
	Thermal conductivity (W/mk) at Temperature in °C	50	0,040	0,040	
		100	0,046	0,046	
		150	NPD	NPD	
		200	0,063	0,063	
		250	NPD	NPD	
		300	0,085	0,085	
		400	0,113	0,113	
		500	0,148	0,148	
		550	NPD	NPD	
		600	0,195	0,195	
		650	NPD	NPD	
700	NPD	NPD			

NPD – No Performance Determined

Essential characteristics	T4305EPCPR			Harmonised Technical Standard	
	Performance(e)	Felt Mat FM D80 CB	Felt Mat FM D80 CB AluR		
Reaction to fire	Reaction to fire	A1	A1		
Continuous Glowing Combustion	Continuous Glowing Combustion	NPD	NPD		
Durability of thermal resistance against high temperature	Durability Characteristics °	NPD	NPD		
	Maximum service temperature – dimensional stability	640	640		
Durability of thermal resistance against ageing/degradation	Thermal Conductivity °	NPD	NPD		
	Dimensional Stability	NPD	NPD		
	Maximum service temperature – dimensional stability	640	640		
	Durability characteristics	NPD	NPD		
Durability of reaction to fire against high temperature	Durability characteristics °	A1	A1		
Durability of reaction to fire against ageing / degradation	Durability characteristics °	A1	A1		
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products	NPD	NPD		
Acoustic Absorption Index	Sound Absorption	NPD	NPD		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Substances	NPD	NPD		
Water Permeability	Water Absorption	WS1	WS1		
Water Vapour Permeability	Water Vapour Diffusion Resistance	NPD	MV1		
Rate of release of corrosive substances	Trace quantities of water-soluble chloride and the pH-value ions	CL10	CL10		
Thermal Resistance	Dimensions & Tolerances		30-100 mm T2		30-100 mm T2
	Thermal conductivity (W/mk) at Temperature in °C	50	0,040		0,040
		100	0,046		0,046
		150	NPD	NPD	
		200	0,063	0,063	
		250	NPD	NPD	
		300	0,085	0,085	
		400	0,113	0,113	
		500	0,148	0,148	
		550	NPD	NPD	
		600	0,195	0,195	
		650	NPD	NPD	
700	NPD	NPD			

NPD – No Performance Determined

Essential characteristics	T4305EPCPR			Harmonised Technical Standard
	Performance(e)	Wired Mat Fire-teK WM 908 GGA		
Reaction to fire	Reaction to fire	A1		
Continuous Glowing Combustion	Continuous Glowing Combustion	NPD		
Durability of thermal resistance against high temperature	Durability Characteristics ^c	NPD		
	Maximum service temperature – dimensional stability	640		
Durability of thermal resistance against ageing/degradation	Thermal Conductivity ^c	NPD		
	Dimensional Stability	NPD		
	Maximum service temperature – dimensional stability	640		
	Durability characteristics	NPD		
Durability of reaction to fire against high temperature	Durability characteristics ^d	A1		
Durability of reaction to fire against ageing / degradation	Durability characteristics ^b	A1		
Compressive Strength	Compressive Stress or Compressive Strength for Flat Products	NPD		
Acoustic Absorption Index	Sound Absorption	NPD		
Release of Dangerous Substances to the indoor environment	Release of Dangerous Substances	NPD		
Water Permeability	Water Absorption	WS1		
Water Vapour Permeability	Water Vapour Diffusion Resistance	NPD		
Rate of release of corrosive substances	Trace quantities of water-soluble chloride and the pH-value ions	CL10		
Thermal Resistance	Dimensions & Tolerances		30-120 mm T2	
	Thermal conductivity (W/mk) at Temperature in °C	50	0,040	
		100	0,046	
		150	NPD	
		200	0,063	
		250	NPD	
		300	0,085	
		400	0,113	
		500	0,148	
		550	NPD	
		600	0,195	
		650	NPD	
		700	NPD	

NPD – No Performance Determined

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)



Novi Marof – 31/03/2017
(Place and date of issue)

(Signature)

- a. The requirement on a certain characteristic is not applicable in those Member States (MSs) where there are no regulatory requirements on that characteristic for the intended use of the product. In this case, manufacturers placing their products on the market of these MSs are not obliged to determine nor declare the performance of their products with regard to this characteristic and the option 'No performance determined' (NPD) in the information accompanying the CE marking (see ZS.3) may be used. The NPD option may not be used, however, where the characteristic is subject to a threshold level (thermal resistance (thermal conductivity and thickness))
- b. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic contents, which cannot increase with time.
- c. Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
- d. The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.