

## Declaration of Performance

### T4305DPCPR

1. Unique Identification code of the product-type:  
WM 620 GG, WM 620 GS, WM 620 S, WM 620 ALU GG, WM 620 ALU SG, WM 620 ALU S, FM D70 CB, FM D70 CB AluR.
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:

<b>T4305DPCPR</b>					
<b>Essential characteristics</b>	<b>Harmonised Standard</b>	<b>4</b>	<b>4</b>	<b>4</b>	
Form		Wired mat	Wired mat	Wired mat	
Type		WM 620 GG	WM 620 GS	WM 620 S	
Description		Medium density, non-combustible mineral wool wired mat with galvanized steel mesh and galvanized stitching wire	Medium density, non-combustible mineral wool wired mat with galvanized steel mesh and stainless stitching wire	Medium density, non-combustible mineral wool wired mat with stainless steel mesh and stainless stitching wire	
Produced on		Line 1	Line 1	Line 1	
Nominal thickness (mm)	4.2.2.1	30-120 Load: 50 Pa	30-120 Load: 50 Pa	30-120 Load: 50 Pa	
Name		Wired Mat WM 620	Wired Mat WM 620	Wired Mat WM 620	
Dated		10/2015	10/2015	10/2015	
Reaction to fire	4.2.4	A1	A1	A1	
Continuous glowing combustion	4,3,10	NPD	NPD	NPD	
Designation code		MW EN14303-T2-ST(+) <u>620</u> -WS1-CL10	MW EN14303-T2-ST(+) <u>620</u> -WS1-CL10	MW EN14303-T2-ST(+) <u>620</u> -WS1-CL10	
Thermal conductivity group		TC4	TC4	TC4	
Additional performance		Acoustic	Acoustic	Acoustic	
Dimensional stability	4,2,3	NPD	NPD	NPD	
Compression Stress	4.3.4	NPD	NPD	NPD	
Sound absorption	4.3.8	NPD	NPD	NPD	
Release of dangerous substances	4.3.9	NPD	NPD	NPD	
Durability Characteristics	4.2.5	NPD	NPD	NPD	
Dimensions and tolerances	4.2.2	T2	T2	T2	
Water vapour diffusion resistance	4.3.6	NPD	NPD	NPD	
Trace quantities of water soluble ions and pH- value	4.3.7	NPD	NPD	NPD	
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,040	0,040	0,040
	100		0,047	0,047	0,047
	150		NPD	NPD	NPD
	200		0,067	0,067	0,067
	250		NPD	NPD	NPD
	300		0,094	0,094	0,094
	350		NPD	NPD	NPD
	400		0,130	0,130	0,130
	450		NPD	NPD	NPD
	500		0,173	0,173	0,173
	550		NPD	NPD	NPD
	600		0,228	0,228	0,228
	<u>620</u>		0,239	0,239	0,239
	700		NPD	NPD	NPD

T4305DPCPR					
Essential characteristics		Harmonised Standard	4	4	4
Form			Wired mat	Wired mat	Wired mat
Type			WM 620 ALU GG	WM 620 ALU SG	WM 620 ALU S
Description			Medium density, non-combustible mineral wool wired mat with galvanized steel mesh and galvanized stitching wire with inlaid aluminium foil	Medium density, non-combustible mineral wool wired mat with galvanized steel mesh and stainless stitching wire with inlaid aluminium foil	Medium density, non-combustible mineral wool wired mat with stainless steel mesh and stainless stitching wire with inlaid aluminium foil
Produced on			Line 1	Line 1	Line 1
Nominal thickness (mm)		4.2.2.1	30-120 Load: 50 Pa	30-120 Load: 50 Pa	30-120 Load: 50 Pa
Name			Wired Mat WM 620 ALU	Wired Mat WM 620 ALU	Wired Mat WM 620 ALU
Dated			10/2015	10/2015	10/2015
Reaction to fire		4.2.4	A1	A1	A1
Continuous glowing combustion		4.3,10	NPD	NPD	NPD
Designation code			MW EN14303-T2-ST(+)-620-WS1-CL10	MW EN14303-T2-ST(+)-620-WS1-CL10	MW EN14303-T2-ST(+)-620-WS1-CL10
Thermal conductivity group			TC4	TC4	TC4
Additional performance			Acoustic	Acoustic	Acoustic
Dimensional stability		4.2.3	NPD	NPD	NPD
Compression Stress		4.3.4	NPD	NPD	NPD
Sound absorption		4.3.8	NPD	NPD	NPD
Release of dangerous substances		4.3.9	NPD	NPD	NPD
Durability Characteristics		4.2.5	NPD	NPD	NPD
Dimensions and tolerances		4.2.2	T2	T2	T2
Water vapour diffusion resistance		4.3.6	NPD	NPD	NPD
Trace quantities of water soluble ions and pH- value		4.3.7	NPD	NPD	NPD
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,040	0,040	0,040
	100		0,047	0,047	0,047
	150		NPD	NPD	NPD
	200		0,067	0,067	0,067
	250		NPD	NPD	NPD
	300		0,094	0,094	0,094
	350		NPD	NPD	NPD
	400		0,130	0,130	0,130
	450		NPD	NPD	NPD
	500		0,173	0,173	0,173
	550		NPD	NPD	NPD
	600		0,228	0,228	0,228
	620		0,239	0,239	0,239
	700		NPD	NPD	NPD

T4305DPCPR			
Essential characteristics	Harmonised Standard	4	4
Form		Felt mat	Felt mat
Type		FM D70 CB	FM D70 CB AluR
Description		Non-combustible mineral wool felt mat produced with low binder content	Non-combustible mineral wool felt mat produced with low binder content faced with reinforced aluminium foil on one side
Produced on		Line 1	Line 1
Nominal thickness (mm)	4.2.2.1	30-100 Load: 50 Pa	30-100 Load: 50 Pa
Name		Felt Mat FM D70 CB	Felt Mat FM D70 CB AluR
Dated		10/2015	10/2015
Reaction to fire	4.2.4	A1	A1
Continuous glowing combustion	4,3,10	NPD	NPD
Designation code		MW EN14303-T2-ST(+)-620-WS1-CL10	MW EN14303-T2-ST(+)-620-WS1-MV1-CL10
Thermal conductivity group		TC4	TC4
Additional performance		Acoustic	Acoustic
Dimensional stability	4,2,3	NPD	NPD
Compression Stress	4.3.4	NPD	NPD
Sound absorption	4.3.8	NPD	NPD
Release of dangerous substances	4.3.9	NPD	NPD
Durability Characteristics	4.2.5	NPD	NPD
Dimensions and tolerances	4.2.2	T2	T2
Water vapour diffusion resistance	4.3.6	NPD	NPD
Trace quantities of water soluble ions and pH- value	4.3.7	NPD	NPD
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,040
	100		0,047
	150		NPD
	200		0,067
	250		NPD
	300		0,094
	350		NPD
	400		0,130
	450		NPD
	500		0,173
	550		NPD
	600		0,228
	<u>620</u>		0,239
	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 – 22/10/2015  
(Place and date of issue)

(Signature)