

Declaration of Performance

T4305FPCPR

1. Unique Identification code of the product-type:
WM 660 GG, WM 660 SG, WM 660 S, WM 660 ALU GG, WM 660 ALU SG, WM 660 ALU S, FM D100 CB, FM D100 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
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:

T4305FPCPR				
Essential characteristics	Harmonised Standard	WM 660 GG	WM 660 SG	WM 660 S
Form		Wired mat	Wired mat	Wired mat
Description		High density, non-combustible mineral wool wired mat with galvanized steel mesh and galvanized stitching wire	High density, non-combustible mineral wool wired mat with galvanized steel mesh and stainless stitching wire	High 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: 1000 Pa	30-120 Load: 1000 Pa	30-120 Load: 100 Pa
Reaction to fire	4.2.4	A1	A1	A1
Continuous glowing combustion	4,3,10	NPD	NPD	NPD
Designation code		MW EN14303-T2-ST(+)-660-WS1-CL10	MW EN14303-T2-ST(+)-660-WS1-CL10	MW EN14303-T2-ST(+)-660-WS1-CL10
Thermal conductivity group		TC6	TC6	TC6
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	CL10	CL10	CL10
Thermal conductivity (W/mk) at Temperature in °C	50	0,040	0,040	0,040
	100	0,046	0,046	0,046
	150	NPD	NPD	NPD
	200	0,061	0,061	0,061
	250	NPD	NPD	NPD
	300	0,080	0,080	0,080
	350	NPD	NPD	NPD
	400	0,104	0,104	0,104
	450	NPD	NPD	NPD
	500	0,134	0,134	0,134
	550	NPD	NPD	NPD
	600	0,167	0,167	0,167
	650	0,205	0,205	0,205
700	NPD	NPD	NPD	

T4305FPCPR				
Essential characteristics	Harmonised Standard	WM 660 ALU GG	WM 660 ALU SG	WM 660 ALU S
Form		Wired mat	Wired mat	Wired mat
Description		High density, non-combustible mineral wool wired mat with galvanized steel mesh and galvanized stitching wire with inlaid aluminium foil	High density, non-combustible mineral wool wired mat with galvanized steel mesh and stainless stitching wire with inlaid aluminium foil	High 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: 1000 Pa	30-120 Load: 1000 Pa	30-120 Load: 1000 Pa
Reaction to fire	4.2.4	A1	A1	A1
Continuous glowing combustion	4.3,10	NPD	NPD	NPD
Designation code		MW EN14303-T2-ST(+)-660-WS1-CL10	MW EN14303-T2-ST(+)-660-WS1-CL10	MW EN14303-T2-ST(+)-660-WS1-CL10
Thermal conductivity group		TC6	TC6	TC6
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	CL10	CL10	CL10
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,040	0,040
	100		0,046	0,046
	150		NPD	NPD
	200		0,061	0,061
	250		NPD	NPD
	300		0,080	0,080
	350		NPD	NPD
	400		0,104	0,104
	450		NPD	NPD
	500		0,134	0,134
	550		NPD	NPD
	600		0,167	0,167
650	0,205	0,205		
700	NPD	NPD		

Essential characteristics		Harmonised Standard	FM D100 CB	FM D100 CB AluR
Form			Felt Mat	Felt Mat
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
Reaction to fire		4.2.4	A1	A1
Continuous glowing combustion		4,3,10	NPD	NPD
Designation code			MW EN14303-T2-ST(+)/660-WS1-CL10	MW EN14303-T2-ST(+)/660-WS1-MV1-CL10
Thermal conductivity group			TC6	TC6
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	CL10	CL10
Thermal conductivity (W/mk) at Temperature in °C	50	4.2.1	0,040	0,040
	100		0,046	0,046
	150		NPD	NPD
	200		0,061	0,061
	250		NPD	NPD
	300		0,080	0,080
	350		NPD	NPD
	400		0,104	0,104
	450		NPD	NPD
	500		0,134	0,134
	550		NPD	NPD
	600		0,167	0,167
	650		0,205	0,205
700	NPD	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)



Novi Marof – 16/01/2015
(Place and date of issue)

(Signature)