

Declaration of Performance

R4304HPCPR

1. Unique Identification code of the product-type.
FKD, FKD C1, FKD C2, FKD M, FKD C1 M, FKD RS, FKD RS C2
2. Type, Batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR:
Details are on the CE label.
3. Intended use or uses of the construction product , in accordance with the applicable harmonized technical specification foreseen by the manufacturer:
Thermal Insulation for Buildings. EN 13162
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 construction product 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 a construction product covered by a harmonized 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 a construction product for which a European Technical Assessment has been issued:
Not applicable

9. Declared Performances.

Essential characteristics Line 1	Harmonized Standard	FKD	FKD C1	FKD C2
Form/shape		-	Bonding on one side	Bonding on both side
Thermal conductivity subgroup		J	J	J
Lambda D	4.2.1	0,039	0,039	0,039
Thermal Resistance	4.2.1	See product label	See product label	See product label
Thickness range (mm)	4.2.3	40-250	40-250	40-250
Thickness tolerance	4.2.3	T5	T5	T5
Reaction to fire	4.2.6	A1	A1	A1
Continuous glowing combustion	4.3,15	NPD	NPD	NPD
Dimensional stability 70°C/90%r.h.	4.3.2	DS(T+)/DS(TH)	DS(T+)/DS(TH)	DS(T+)/DS(TH)
Compression Stress	4.3.3	CS(10)40	CS(10)40	CS(10)40
Tensile strength perpendicular faces	4.3.4	TR15	TR15	TR15
Point Load	4.3.5	NPD	NPD	NPD
Compressive creep	4.3.6	NPD	NPD	NPD
Short water absorption	4.3.7.1	WS	WS	WS
Long term water absorption	4.3.7.2	WL(P)	WL(P)	WL(P)
Water vapor transmission	4.3.8	NPD	NPD	NPD
Dynamic stiffness	4.3.9	NPD	NPD	NPD
Compressibility	4.3.10.4	NPD	NPD	NPD
Sound absorption	4.3.11	NPD	NPD	NPD
Air flow resistivity	4,3,12	NPD	NPD	NPD
Release of dangerous substances	4.3.13	NPD	NPD	NPD
Durability characteristics	4.2.7	NPD	NPD	NPD

<u>Essential characteristics</u> Line 1	<u>Harmonized Standard</u>	FKD M	FKD C1 M	
Form/shape		Schienensystem	Schienensystem: Bonding on one side	
Thermal conductivity subgroup		J	J	
Lambda D	4.2.1	0,039	0,039	
Thermal Resistance	4.2.1	See product label	See product label	
Thickness range (mm)	4.2.3	40-140	40-140	
Thickness tolerance	4.2.3	T5	T5	
Reaction to fire	4.2.6	A1	A1	
Continuous glowing combustion	4.3.15	NPD	NPD	-
Dimensional stability 70°C/90%r.h.	4.3.2	DS(T+)/DS(TH)	DS(T+)/DS(TH)	
Compression Stress	4.3.3	CS(10)40	CS(10)40	
Tensile strength perpendicular faces	4.3.4	TR15	TR15	
Point Load	4.3.5	NPD	NPD	
Compressive creep	4.3.6	NPD	NPD	
Short water absorption	4.3.7.1	WS	WS	
Long term water absorption	4.3.7.2	WL(P)	WL(P)	
Water vapor transmission	4.3.8	NPD	NPD	
Dynamic stiffness	4.3.9	NPD	NPD	
Compressibility	4.3.10.4	NPD	NPD	
Sound absorption	4.3.11	NPD	NPD	
Air flow resistivity	4.3.12	NPD	NPD	
Release of dangerous substances	4.3.13	NPD	NPD	-
Durability characteristics	4.2.7	NPD	NPD	-

<u>Essential characteristics</u> Line 1	<u>Harmonized Standard</u>	<u>FKD RS</u>	<u>FKD RS C2</u>	
Form/shape		-	Bonding on both side	
Thermal conductivity subgroup		J	J	
Lambda D	4.2.1	0,039	0,039	
Thermal Resistance	4.2.1	See product label	See product label	
Thickness range (mm)	4.2.3	20-30	20-30	
Thickness tolerance	4.2.3	T5	T5	
Reaction to fire	4.2.6	A1	A1	
Continuous glowing combustion	4.3.15	NPD	NPD	-
Dimensional stability 70°C/90%r.h.	4.3.2	DS(T+)	DS(T+)	
Compression Stress	4.3.3	NPD	NPD	
Tensile strength perpendicular faces	4.3.4	TR5	TR5	
Point Load	4.3.5	NPD	NPD	
Compressive creep	4.3.6	NPD	NPD	
Short water absorption	4.3.7.1	WS	WS	
Long term water absorption	4.3.7.2	WL(P)	WL(P)	
Water vapor transmission	4.3.8	NPD	NPD	
Dynamic stiffness	4.3.9	NPD	NPD	
Compressibility	4.3.10.4	NPD	NPD	
Sound absorption	4.3.11	NPD	NPD	
Air flow resistivity	4.3.12	NPD	NPD	
Release of dangerous substances	4.3.13	NPD	NPD	-
Durability characteristics	4.2.7	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.

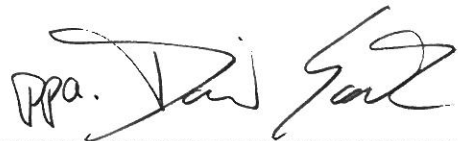
Signed for and on behalf of the manufacturer by:

Plant Manager

(Name and function)

In..Bad Berka.....
(Place and date of issue)

03.06.13



(Signature)