

Rockwool 800

1. Unique identification code of the product-type:
DE0721
2. Intended use: Thermal insulation of building equipment and industrial installations: ThIBEII
3. Manufacturer :
DEUTSCHE ROCKWOOL
GmbH & Co. KG
Rockwool Straße 37-41
45966 Gladbeck
Deutschland
4. Authorized representative, appointed to provide availability of our performance declarations on our website
dop.rockwool.com:
ROCKWOOL A/S
Hovedgaden 584
2640 Hedehusene
Dänemark
5. System/s of AVCP: Systems 1 and 3
6. Harmonised standard: EN 14303:2009+A1:2013
Notified body/ies – FIW-München (0751) –
7. Declared performance/s see table/s:

Table 1

Requirement/Characteristic from the mandate	Requirement clauses in this European Standard	Performance	Unit	hEN
Reaction to fire, Euroclass characteristics	4.2.4 Reaction to fire	≤300mm A2L-s1,d0 >300mm A2-s1,d0	-	Harmonized technical specification EN 14303:2009+A1:2013
Acoustic absorption index	4.3.8 Sound absorption	NPD*)	-	
Thermal resistance	4.2.1 Thermal conductivity	see tab. 2	W/(m·K)	
	4.2.2 Tolerances Inside diameter Di, thickness d Outside diameter Do,	see tab. 3 NPD*) NPD*)	- mm mm	
Water permeability	4.3.5 Water absorption	WS1	kg/m²	
Water vapour permeability	4.3.6 Water vapour diffusion resistance	MV2	-	
Compressive strength	4.3.4 Compressive stress or compressive strength for flat products	NPD*)	kPa	
Rate of release of corrosive substances	4.3.7 Trace quantities of watersoluble ions and the pH-value	CL10 NPD*)	ppm -	
Release of dangerous substances to the indoor environment	4.3.9 Release of dangerous substances	NPD*)	-	
Continuous glowing combustion	4.3.10 Continuous glowing combustion	NPD*)	-	
Durability of reaction to fire against ageing/degradation	4.2.5 Durability characteristics ^{a)}	NPD*)	-	
Durability of thermal resistance against ageing/degradation	4.2.1 Thermal conductivity ^{b)}	see tab. 2	W/(m·K)	
	4.2.2 Tolerances Inside diameter Di, thickness d ^{b)} Outside diameter Do	see tab. 3 NPD*) NPD*)	- mm mm	
	4.2.3 Dimensional stability, or	NPD*)	-	
	4.3.2 Maximum service temperature – dimensional stability	ST(+250	°C	
	4.2.5 Durability characteristics	NPD*)	-	
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics ^{c)}	NPD*)	-	
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics ^{b)}	NPD*)	-	
	4.3.2 Maximum service temperature – dimensional stability	ST(+250	°C	

^{a)} The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
^{b)} 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.
^{c)} 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.
^{*)}NPD = No performance determined

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Table 2

40°C	50°C	100°C	150°C
0,035 W/(m·K)	0,037 W/(m·K)	0,044 W/(m·K)	0,052 W/(m·K)

Table 3

T8	T9
$D_o < 150 \text{ mm}$	$D_o \geq 150 \text{ mm}$

8. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Gladbeck, 15.12.2023

Signed for and on behalf of the manufacturer by:



Volker Christmann
Managing Director (Vors. Geschäftsführer)



Frank Weier
Finance Director (Geschäftsführer)