

Declaration of Performance No RW-CEE-DoP-0820/B/17/w1

1. Unique identification code of the product-type:
RW-CEE-0820
2. Intended use: **thermal insulation products for building equipment.**
3. Manufacturer: **ROCKWOOL Polska, ul.Kwiatowa 14, 66-131 Cigacice (Factory Bohumin)**
4. System of attestation of conformity: **System 1 and System 3**
5. Harmonised standard: **EN 14303:2009+A1:2013**
Notified body No. **Nr 0751 Forschungsinstitut für Wärmeschutz e.V. München**
6. Declared Performance in the Table 1 and Table 2:
D₀<150: MW-EN 14303-T8-ST(+)+250-WS1-MV2-CL10;
D₀≥150: MW-EN 14303-T9-ST(+)+250-WS1-MV2-CL10

Table 1

Essential Characteristics	Performance	Declared value/ NPD ¹⁾	Harmonized technical standard
Thermal resistance	Thermal conductivity λ_D	See curve 1, curve 2 and Table 2	EN 14303:2009+A1:2013
	Ti ²⁾ thickness : - D ₀ <150 - D ₀ ≥150	T8 T9	
Reaction to fire	Euroclass – reaction to fire (RtF): - outsaide diameter ≤ 300 mm and thickness >20mm - outsaide diameter >300mm and thickness 20-120mm	A2L-s1,d0 A2-s1,d0	
Durability of thermal resistance against ageing/degradation	Maximum service temperature 250°C	ST(+)+250	
Durability thermal resistance against high temperature	Maximum service temperature 250°C	ST(+)+250	
Durability of reaction to fire against ageing/degradation and high temperature	Durability characteristics - reaction to fire (RtF): - outsaide diameter ≤ 300 mm and thickness >20mm - outsaide diameter > 300mm and thickness 20-120mm	A2L-s1,d0 A2-s1,d0	
Compressive strength	Compressive strength at 10% deformation CS(10) _i ²⁾	NPD	
Water permeability	Water absorption (≤ 1 kg/m ²)	WS1	
Water vapour permeability	Water vapour diffusion equivalent air layer thickness, M _{vi} ²⁾ (s _a)	MV2	
Rate of release of corrosive substances	Trace quantities of water-soluble chloride ions CL ≤ 10 ppm pH _i ²⁾ -value	CL10 NPD	
Acoustic absorption index	Sound absorption (AWi ³⁾)	NPD	
Release of dangerous substances	³⁾	NPD	
Continuous glowing combustion	⁴⁾	NPD	

¹⁾ No performance determined; ²⁾ "i" indicates relevant class of level or declared value; ³⁾ according to national regulations; see: Safety Use Instruction Sheet; ⁴⁾ national regulations not available;

Curve thermal conductivity

T (°C)		10	50	100	150	-	-
Curve 1	λ_D (W/mK)	0,033	0,037	0,044	0,052	-	-
Curve 2	λ_D (W/mK)	0,034	0,039	0,046	0,056	-	-

Tabela 2

Product	Inside diameter / thickness	Curve λ	Product	Inside diameter / thickness	Curve λ	Product	Inside diameter / thickness	Curve λ
Rockwool 800	54/60	2	Rockwool 800	102/30	1	Rockwool 800	140/70	2
Rockwool 800	54/100	2	Rockwool 800	102/40	1	Rockwool 800	140/80	2
Rockwool 800	60/60	1	Rockwool 800	102/50	1	Rockwool 800	140/100	2
Rockwool 800	60/80	2	Rockwool 800	102/60	1	Rockwool 800	159/30	1
Rockwool 800	64/20	1	Rockwool 800	102/70	2	Rockwool 800	159/40	1
Rockwool 800	64/30	1	Rockwool 800	102/80	1	Rockwool 800	159/50	1
Rockwool 800	64/40	1	Rockwool 800	102/100	2	Rockwool 800	159/60	2
Rockwool 800	64/50	1	Rockwool 800	108/30	1	Rockwool 800	159/70	2
Rockwool 800	64/60	1	Rockwool 800	108/40	1	Rockwool 800	159/80	2
Rockwool 800	64/70	1	Rockwool 800	108/50	1	Rockwool 800	159/100	1
Rockwool 800	70/20	1	Rockwool 800	108/60	1	Rockwool 800	169/30	1
Rockwool 800	70/30	1	Rockwool 800	108/70	1	Rockwool 800	169/40	1
Rockwool 800	70/40	1	Rockwool 800	108/80	2	Rockwool 800	169/50	1
Rockwool 800	70/50	1	Rockwool 800	108/100	2	Rockwool 800	169/60	2
Rockwool 800	70/60	1	Rockwool 800	114/30	1	Rockwool 800	169/70	2
Rockwool 800	70/70	2	Rockwool 800	114/40	1	Rockwool 800	169/80	2
Rockwool 800	76/20	1	Rockwool 800	114/50	1	Rockwool 800	169/100	2
Rockwool 800	76/30	1	Rockwool 800	114/60	1	Rockwool 800	194/30	2
Rockwool 800	76/40	1	Rockwool 800	114/70	1	Rockwool 800	194/50	2
Rockwool 800	76/50	1	Rockwool 800	114/80	2	Rockwool 800	194/60	2
Rockwool 800	76/60	1	Rockwool 800	114/100	2	Rockwool 800	194/80	2
Rockwool 800	76/70	1	Rockwool 800	133/30	1	Rockwool 800	194/100	2
Rockwool 800	76/80	1	Rockwool 800	133/40	1	Rockwool 800	219/30	2
Rockwool 800	89/20	1	Rockwool 800	133/50	1	Rockwool 800	219/40	2
Rockwool 800	89/30	1	Rockwool 800	133/60	1	Rockwool 800	219/50	2
Rockwool 800	89/40	1	Rockwool 800	133/70	2	Rockwool 800	219/60	2
Rockwool 800	89/50	1	Rockwool 800	133/80	2	Rockwool 800	219/70	2
Rockwool 800	89/60	1	Rockwool 800	133/100	2	Rockwool 800	219/80	2
Rockwool 800	89/70	1	Rockwool 800	140/30	1	Rockwool 800	245/40	2
Rockwool 800	89/80	1	Rockwool 800	140/40	1	Rockwool 800	245/50	2
Rockwool 800	89/100	2	Rockwool 800	140/50	1	Rockwool 800	245/60	2
Rockwool 800	102/20	1	Rockwool 800	140/60	1			

This declaration of performance is available on the website dop.rockwool.com

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

Signed for and on behalf of the manufacturer by:

Paweł Pomykała
Factory Manager

(Name, function)

Bohumin 16.02.2017 r.

(Place, date)


 (Signature)