

Declaration of Performance No RW-CEE-DoP-0820/B/18/w2

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|---|---|
| <p>1. Unique identification code of the product-type:
RW-CEE-0820</p> <p>2. Intended use: thermal insulation products for building equipment.</p> <p>3. Manufacturer: ROCKWOOL Polska Sp. z o.o.
ul.Kwiatowa 14, 66-131 Cigacice
(Factory Bohumin)</p> | <p>4. System of attestation of conformity: System 1 and System 3</p> <p>5. Harmonised standard: EN 14303:2009+A1:2013
Notified body No. 0751 Forschungsinstitut für Wärmeschutz e.V.
München</p> <p>6. Declared Performance in the Table 1 and Table 2:
MW-EN 14 303-T9(T8 IF D₀<150)-ST(+)-250-WS1-MV2-CL10</p> |
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Table 1

Essential characteristics		Performance		Declared value/ NPD ¹⁾				Harmonized technical specification
Thermal resistance	Thermal conductivity	Temperature	θ (°C)	10	50	100	150	EN 14303:2009+A1:2013
		Curve 0	λ _D (W/mK)	0,033	0,037	0,044	0,052	
		Curve 1	λ _D (W/mK)	0,034	0,039	0,046	0,056	
	Thickness	Inside diameter D _i , thickness d ₀ Ti thickness tolerances : - outside diameter D ₀ < 150 mm - outside diameter D ₀ ≥ 150 mm	Table 2 T8 T9					
Reaction to fire		Euroclass - reaction to fire (RtF): - D ₀ ≤ 300mm i d ₀ > 20mm - D ₀ > 300mm i d ₀ = 20-120mm		A2L-s1, d0 A2-s1, d0				
Durability of thermal resistance against ageing/degradation		Maximum service temperature 250°C		ST(+)-250				
Durability of thermal resistance against high temperature		Maximum service temperature 250°C		ST(+)-250				
Durability of reaction to fire against ageing/degradation		Durability characteristics - reaction to fire (RtF): - D ₀ ≤ 300mm i d ₀ > 20mm - D ₀ > 300mm i d ₀ = 20-120mm		A2L-s1, d0 A2-s1, d0				
Durability of reaction to fire against high temperature		Durability characteristics - reaction to fire (RtF): - D ₀ ≤ 300mm i d ₀ > 20mm - D ₀ > 300mm i d ₀ = 20-120mm		A2L-s1, d0 A2-s1, d0				
Compressive strength		Compressive strength at 10% deformation (10) ⁱ²⁾		NPD				
Water permeability		Water absorption (≤ 1 kg/m ²)		WS1				
Water vapour permeability		Water vapour diffusion equivalent air layer thickness, MVi ²⁾		MV2				
Rate of release of corrosive substances		Trace quantities of water-soluble chloride ions ≤ 10ppm pHi ²⁾ -value		CL10 NPD				
Acoustic absorption index		Sound absorption (AWi ²⁾)		NPD				
Release of dangerous substances to the indoor environment		Release of dangerous substances		NPD				
Continuous glowing combustion		Continuous glowing combustion		NPD				

¹⁾ No performance determined; ²⁾ "i" indicates relevant class of level or declared value;

Table 2

Product	D_i^*/d_o^{**}	Curve λ	Product	D_i^*/d_o^{**}	Curve λ	Product	D_i^*/d_o^{**}	Curve λ
Rockwool 800	54/60	1	Rockwool 800	102/20	0	Rockwool 800	140/60	1
Rockwool 800	54/100	1	Rockwool 800	102/30	1	Rockwool 800	140/70	1
Rockwool 800	60/50	0	Rockwool 800	102/40	1	Rockwool 800	140/80	1
Rockwool 800	60/60	1	Rockwool 800	102/50	1	Rockwool 800	140/100	1
Rockwool 800	60/80	1	Rockwool 800	102/60	1	Rockwool 800	159/30	1
Rockwool 800	64/20	0	Rockwool 800	102/70	1	Rockwool 800	159/40	1
Rockwool 800	64/30	0	Rockwool 800	102/80	1	Rockwool 800	159/50	1
Rockwool 800	64/40	0	Rockwool 800	102/100	1	Rockwool 800	159/60	1
Rockwool 800	64/50	0	Rockwool 800	108/30	1	Rockwool 800	159/70	1
Rockwool 800	64/60	1	Rockwool 800	108/40	1	Rockwool 800	159/80	1
Rockwool 800	64/70	1	Rockwool 800	108/50	1	Rockwool 800	159/100	1
Rockwool 800	70/20	0	Rockwool 800	108/60	1	Rockwool 800	169/30	1
Rockwool 800	70/30	0	Rockwool 800	108/70	1	Rockwool 800	169/40	1
Rockwool 800	70/40	0	Rockwool 800	108/80	1	Rockwool 800	169/50	1
Rockwool 800	70/50	0	Rockwool 800	108/100	1	Rockwool 800	169/60	1
Rockwool 800	70/60	1	Rockwool 800	114/30	1	Rockwool 800	169/70	1
Rockwool 800	70/70	1	Rockwool 800	114/40	1	Rockwool 800	169/80	1
Rockwool 800	76/20	0	Rockwool 800	114/50	1	Rockwool 800	169/100	1
Rockwool 800	76/30	0	Rockwool 800	114/60	1	Rockwool 800	194/30	1
Rockwool 800	76/40	0	Rockwool 800	114/70	1	Rockwool 800	194/50	1
Rockwool 800	76/50	0	Rockwool 800	114/80	1	Rockwool 800	194/60	1
Rockwool 800	76/60	1	Rockwool 800	114/100	1	Rockwool 800	194/80	1
Rockwool 800	76/70	1	Rockwool 800	133/30	1	Rockwool 800	194/100	1
Rockwool 800	76/80	1	Rockwool 800	133/40	1	Rockwool 800	219/30	1
Rockwool 800	89/20	0	Rockwool 800	133/50	1	Rockwool 800	219/40	1
Rockwool 800	89/30	0	Rockwool 800	133/60	1	Rockwool 800	219/50	1
Rockwool 800	89/40	0	Rockwool 800	133/70	1	Rockwool 800	219/60	1
Rockwool 800	89/50	1	Rockwool 800	133/80	1	Rockwool 800	219/70	1
Rockwool 800	89/60	1	Rockwool 800	133/100	1	Rockwool 800	219/80	1
Rockwool 800	89/70	1	Rockwool 800	140/30	1	Rockwool 800	245/40	1
Rockwool 800	89/80	1	Rockwool 800	140/40	1	Rockwool 800	245/50	1
Rockwool 800	89/100	1	Rockwool 800	140/50	1	Rockwool 800	245/60	1

*) D_i - inside diameter; **) d_o thickness

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 2018 -08-01
 (Place, date)

ROCKWOOL Polska Sp. z o.o.
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 T (48) 68 385 02 50 E rockwool@rockwool.pl



(Signature)

 **ROCKWOOL**
 ROCKWOOL, a.s., Bohumín
 Paweł Pomykała, factory manager