

Declaration of Performance No RW-PL/G-DoP-2802/B/18/w1

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| <p>1. Unique identification code of the product-type:
RW-PL-G-2802-I</p> <p>2. Intended use: thermal insulation products for building equipment.</p> <p>3. Manufacturer: ROCKWOOL a.s., Cihelni 769, Skřečůň 735 31 Bohumin</p> | <p>4. System of attestation of conformity: System 1 and System 3</p> <p>5. Harmonised standard: EN 14 303:2009+A1:2013
Notified body No. 1390 Centrum stavebního inženýrství a.s. Praha.</p> <p>6. Declared Performance in the Table 1:
MW-EN 14303-T4-ST(+)640-WS1</p> |
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Table 1

Essential characteristics		Performance	Declared value/ NPD ¹⁾				Harmonized technical specification
Thermal resistance	Thermal conductivity	Temperature ϑ (°C)	50	100	150	200	EN 14303:2009+A1:2013
		Thermal conductivity λ_D W/(m·K)	0,040	0,045	0,053	0,063	
		Temperature ϑ (°C)	250	300	350	400	
		Thermal conductivity λ_D W/(m·K)	0,075	0,089	0,105	0,124	
		Temperature ϑ (°C)	500	560	600	640	
		Thermal conductivity λ_D W/(m·K)	0,167	-	0,220	0,242	
	Thickness	Thickness d_0 mm Ti ²⁾ thickness tolerances	40-120 T4				
Reaction to fire		Euroclass – reaction to fire (RtF):		A1			
Durability of thermal resistance against ageing/degradation		Maximum service temperature 640°C		ST(+)640			
Durability of thermal resistance against high temperature		Maximum service temperature 640°C		ST(+)640			
Durability of reaction to fire against ageing/ degradation		Durability characteristics - reaction to fire (RtF)		A1			
Durability of reaction to fire against high temperature		Durability characteristics - reaction to fire (RtF)		A1			
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, MVi ²⁾		NPD			
Rate of release of corrosive substances		Trace quantities ions of water-soluble (ppm) pHi ²⁾ -value		NPD NPD			
Acoustic absorption index		Sound absorption (AWi ²⁾)		NPD			
Release of dangerous substances		Release of dangerous substances		NPD			
Continuous glowing combustion		Continuous glowing combustion		NPD			

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

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 2018-01-29
(Place, date)

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1390-CPR-0338/12/P

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(Signature)



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