

DECLARATION OF PERFORMANCE
No RW-CEE-DoP-2031/B/18/w1

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| <p>1. Unique identification code of the product-type:
RW-CEE-2031</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® a.s. Cihelní 769, Skřečoň, 735 31 Bohumin</p> | <p>4. System/s of AVCP: System 1 and System 3</p> <p>Harmonised standard: EN 13162:2012+A1:2015</p> <p>5. Notified body No 1390 Centrum stavebního inženýrství a.s. Praha</p> <p>6. Declared Performance in the Table 1 and Table 2:
MW-EN 13162-T6-DS(70,-)-CS(10)30-SDI¹⁾-WS-WL(P)-CP(4)-MU1</p> |
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Table 1

Essential Characteristics	Performance	Declared value / NPD ¹⁾	Harmonized technical specification			
Thermal resistance	Thermal resistance R ₀	see Table 2	EN 13162:2012+A1:2015			
	Thickness d _W					
	Thermal conductivity λ ₀	0,039 W/mK				
	Ti ²⁾ Thickness	T6				
Reaction to fire	Euroclasses – Reaction to fire (RIF) product	A1				
Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾	Durability characteristics Reaction to fire (RIF) product	A1				
Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾	Thermal resistance R ₀ and thermal conductivity λ ₀ (W/mK)	see Table 2 0,039 W/mK				
	Durability characteristics	DS(70,-)				
Compressive strength	Compressive stress CS(10) ³⁾ , CS(10/Y) ³⁾ (kPa)	CS(10)30				
	Point load PL(5) ³⁾ (N)	NPD				
Tensile / Flexural strength	Tensile strength perpendicular to faces TR ³⁾ (kPa)	NPD				
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD				
Water permeability	Short term water absorption WS (≤1 kg/m ²)	WS				
	Long term water absorption WL(P) (≤ 3 kg/m ²)	WL(P)				
Water vapour permeability	Water vapour transmission	MU1				
	Water vapour diffusion resistance factor					
Impact noise transmission index (for floors)	Dynamic stiffness SD _i ³⁾	d(mm)	<30	30	40	>40
		SD(MN/m ²)	NPD	25	22	NPD
	Thickness, d _L	NPD				
	Compressibility c	CP(4)				
	Air flow resistivity AFri ³⁾	NPD				
Acoustic absorption index	Sound absorption AWi ³⁾	NPD				
Direct airborne sound insulation index	Air flow resistivity AFri ³⁾	NPD				
Continuous glowing combustion	Continuous glowing combustion	NPD				
Release of dangerous substances to the indoor environment	Release of dangerous substances to the indoor environment	NPD				

¹⁾ No performance determined (NPD), ²⁾ no change with time, ³⁾ * indicates relevant class of level or declared value;

Table 2

d _W (mm)	20	30	40	50	60	70	80	100	-	-	-	-	-	-	-	-
R ₀ (m ² K/W)	0,50	0,75	1,00	1,25	1,50	1,75	2,05	2,55	-	-	-	-	-	-	-	-

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

ROCKWOOL, a.s., Bohumin
Paweł Pomykała, factory manager

Bohumin 2018-04-20

