

DECLARATION OF PERFORMANCE

No RW-CEE-DoP-0183/B/19/w1

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| <p>1. Unique identification code of the product-type:
RW-CEE-0183</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® Polska Sp. z o.o.,
ul. Kwiatowa 14, 66-131 Cigacice.</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:
d=20-79mm MW-EN 13162-T4-CS(10)0,5-WS-WL(P)-MU1
d≥80mm MW-EN 13162-T4-CS(10)0,5-WS-WL(P)-AW0,95-MU1</p> |
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Table 1

Essential Characteristics	Performance		Declared value / NPD ¹⁾		Harmonized technical specification
Thermal resistance	Thermal resistance R _D and d _N thermal conductivity λ _D		see Table 2 0,034 W/mK		EN 13162:2012+A1:2015
	Ti ^{a)} Thickness		T4		
Reaction to fire	Euroclasses – Reaction to fire (RtF) product		A1		
Durability of reaction to fire against heat, weathering, ageing/ degradation	Durability characteristics Reaction to fire (RtF) product ²⁾		A1		
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance R _D and thermal conductivity λ _D (W/mK) ²⁾		see Table 2 0,034 W/mK		
	Durability characteristics		NPD		
Compressive strength	Compressive stress CS(10) ⁱ), CS(10/Y) ⁱ) (kPa)		CS(10)0,5		
	Point load PL(5) ⁱ) (N)		NPD		
Tensile / Flexural strength	Tensile strength perpendicular to faces TR ⁱ) (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 Water vapour diffusion resistance factor		MU1		
Impact noise transmission index (for floors)	Dynamic stiffness SD ⁱ)		NPD		
	Thickness, d _L		NPD		
	Compressibility c		NPD		
	Air flow resistivity AF ⁱ)		NPD		
Acoustic absorption index	Sound absorption AW ⁱ)	d _N [mm]	20-79	≥80	
		AW	NPD	AW0,95	
Direct airborne sound insulation index	Air flow resistivity AF ⁱ)		NPD		
Continuous glowing combustion	Continuous glowing combustion		NPD		
Release of dangerous substances to the indoor environment	Release of dangerous substances		NPD		

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "i" indicates relevant class of level or declared value.

Table 2

d_N (mm)	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-
R_D (m ² K/W)	0,55	0,85	1,15	1,45	1,75	2,05	2,35	2,60	2,90	3,20	3,50	3,80	4,10	4,40	4,70	5,00	5,25	5,55	5,85	-	-

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:

Halina Ozon

Cigacice, 2019-08-12

