

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0179/CM/19/w1

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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-0179</b></p> <p><b>2.</b> Intended use: <b>Thermal insulation products for buildings (ThIB).</b></p> <p><b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b></p> | <p><b>4.</b> System/s of AVCP: <b>System 1 and System 3</b></p> <p>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p><b>5.</b> Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha.</b></p> <p><b>6.</b> Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T5-DS(70,90)-CS(10)20-TR10-PL(5)200-WS-WL(P)-MU1</b></p> |
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**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance R <sub>D</sub> and d <sub>K</sub> thermal conductivity λ <sub>D</sub>	see Table 2 0,035 W/mK	EN 13162:2012+A1:2015
	Ti <sup>a)</sup> Thickness	T5	
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 <sup>2)</sup>	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance R <sub>D</sub> and thermal conductivity λ <sub>D</sub> (W/mK) <sup>2)</sup>	see Table 2 0,035 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>i</sup> <sup>a)</sup> , CS(10/Y) <sup>i</sup> <sup>a)</sup> (kPa)	CS(10)20	
	Point load PL(5) <sup>i</sup> <sup>a)</sup> (N)	PL(5)200	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>i</sup> <sup>a)</sup> (kPa)	TR10	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS (≤1 kg/m <sup>2</sup> )	WS	
	Long term water absorption WL(P) (≤ 3 kg/m <sup>2</sup> )	WL(P)	
Water vapour permeability	Water vapour transmission	MU1	
	Water vapour diffusion resistance factor		
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>i</sup> <sup>a)</sup>	NPD	
	Thickness, d <sub>L</sub>	NPD	
	Compressibility c	NPD	
	Air flow resistivity AF <sup>ri</sup> <sup>a)</sup>	NPD	
Acoustic absorption index	Sound absorption AW <sup>i</sup> <sup>a)</sup>	NPD	
Direct airborne sound insulation index	Air flow resistivity AF <sup>ri</sup> <sup>a)</sup>	NPD	
Continuous glowing combustion	Continuous glowing combustion	NPD	
Release of dangerous substances to the indoor environment	Release of dangerous substances	NPD	

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>a)</sup> "\*" indicates relevant class of level or declared value.

**Table 2**

$d_K$ (mm)	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	200	220	240	260	280	300
$R_D$ (m <sup>2</sup> K/W)	1,10	1,40	1,70	2,00	2,25	2,55	2,85	3,10	3,40	3,70	4,00	4,25	4,55	4,85	5,10	5,70	6,25	6,85	7,40	8,00	8,55

This declaration of performance is available on the website [dop.rockwool.com](http://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

