

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0181/B/19/w1

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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-0181</b></p> <p><b>2.</b> Intended use: Thermal insulation products for buildings (ThIB).</p> <p><b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,</b><br/>ul. Kwiatowa 14, 66-131 Cigacice.</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>d=20mm MW-EN 13162-T5-DS(70,90)-WS-WL(P)-MU1</b><br/> <b>d=30-79mm MW-EN 13162-T5-DS(70,90)-WS-WL(P)-AW0,70-MU1</b><br/> <b>d=80-200mm MW-EN 13162-T5-DS(70,90)-WS-WL(P)-AW0,95-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 $R_D$ and $d_W$ thermal conductivity $\lambda_D$	see Table 2 0,033 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 $R_D$ and thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup>	see Table 2 0,033 W/mK	
	Durability characteristics	DS(70,90)	
Compressive strength	Compressive stress CS(10) <sup>i</sup> ), CS(10/Y) <sup>i</sup> ) (kPa)	NPD	
	Point load PL(5) <sup>j</sup> ) (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TRi <sup>i</sup> ) (kPa)	NPD	
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	
Water permeability	Short term water absorption WS ( $\leq 1$ kg/m <sup>2</sup> )	WS	
	Long term water absorption WL(P) ( $\leq 3$ kg/m <sup>2</sup> )	WL(P)	
Water vapour permeability	Water vapour transmission Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness SD <sup>i</sup> ) Thickness, d <sub>i</sub> Compressibility c Air flow resistivity AFri <sup>a)</sup>	NPD NPD NPD NPD	
Acoustic absorption index	Sound absorption AW <sup>i</sup> )	$d_W$ [mm]	
		AW	
Direct airborne sound insulation index	Air flow resistivity AFri <sup>a)</sup>	20-29 NPD	30-79 AW0,70
Continuous glowing combustion	Continuous glowing combustion	80-200 AW0,95	
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> "i" indicates relevant class of level or declared value.

**Table 2**

$d_W$ (mm)	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	-	-
$R_D$ (m <sup>2</sup> K/W)	0,60	0,90	1,20	1,50	1,80	2,10	2,40	2,70	3,00	3,30	3,60	3,90	4,20	4,50	4,80	5,15	5,45	5,75	6,05	-	-

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

