

## DECLARATION OF PERFORMANCE

**No RW-CEE-DoP-0186/B/20/w2**

- |   |  |
|---|--|
| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0186</b></p> <p>2. Intended use/es: <b>Thermal insulation products for buildings (ThIB).</b></p> <p>3. Manufacturer: <b>ROCKWOOL Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b></p> | <p>4. System/s of AVCP: <b>System 1 and System 3</b></p> <p>5. Harmonised standard: <b>EN 13162:2012+A1:2015</b><br/>Notified body <b>No 1390 ITC Divize CSI - Centrum stavebního inženýrství</b></p> <p>6. Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T6-DS(70,-)-CS(10)20-SDi7-WS-WL(P)-CP4-MU1</b></p> |
|---|--|

**Table 1**

Essential Characteristics	Performance	Declared value / NPD <sup>1)</sup>	Harmonized technical specification
Thermal resistance	Thermal resistance R <sub>0</sub>	see Table 2	EN 13162:2012+A1:2015
	Thickness d <sub>N</sub>		
	Thermal conductivity λ <sub>0</sub>	0,036 W/mK	
	Ti <sup>2)</sup> Thickness	T6	
Reaction to fire	Euroclasses – Reaction to fire (RtF) product	A1	
Durability of reaction to fire against heat, weathering, ageing/ degradation <sup>2)</sup>	Durability characteristics Reaction to fire (RtF) product	A1	
Durability of thermal resistance against heat, weathering, ageing/ degradation <sup>2)</sup>	Thermal resistance R <sub>0</sub> and thermal conductivity λ <sub>0</sub> (W/mK)	see Table 2 0,036 W/mK	
	Durability characteristics	DS(70,-)	
Compressive strength	Compressive stress CS(10) <sup>3)</sup> , CS(10/Y) <sup>3)</sup> (kPa)	CS(10)20	
	Point load PL(5) <sup>3)</sup> (N)	NPD	
Tensile / Flexural strength	Tensile strength perpendicular to faces TR <sup>3)</sup> (kPa)	NPD	
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		
	Water vapour diffusion resistance factor	MU1	
Impact noise transmission index (for floors)	Dynamic stiffness SDi <sup>3)</sup>	d <sub>N</sub> (mm)	20 30 40 50 60
		SD(MN/m <sup>3</sup> )	34 25 20 15 NPD
	Thickness, d <sub>L</sub>		NPD
	Compressibility c		CP4
	Air flow resistivity AFR <sup>3)</sup>		NPD
Acoustic absorption index	Sound absorption AW <sup>3)</sup>		NPD
Direct airborne sound insulation index	Air flow resistivity AFR <sup>3)</sup>		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

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>3)</sup> \* indicates relevant class of level or declared value;

**Table 2**

d <sub>N</sub> (mm)	20	30	40	50	60	-	-	-	-	-	-	-	-	-	-	-
R <sub>0</sub> (m <sup>2</sup> K/W)	0,55	0,80	1,10	1,35	1,65	-	-	-	-	-	-	-	-	-	-	-

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 2020-03-27**

