

**MONROCK MAX E d=50-250mm**  
**MW-EN13162-T4-DS(70,-)-DS(70,90)-CS(10)40<sup>1)</sup>-TR10-PL(5)650-WS-WL(P)-MU1**

- |  |   |
|--|---|
| <p>1. Unique identification code of the product-type:<br/><b>RW-CEE-0115</b></p> <p>2. Intended use: <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 of attestation of conformity: <b>System 1 + System 3</b></p> <p>5. Harmonised standard: <b>EN 13162:2012+A1:2015</b><br/> Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha.</b><br/> Certificate of constancy of performance No: <b>1390-CPR-0452/16/P (factory Cigacice), 1390-CPR-0439/2015/P (územ Mařkinia), 1390-CPR-0168/09/P (územ Bohumin).</b></p> <p>6. Declared Performance in the Table 1:</p> |
|--|---|

Table 1:

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012+A1:2015	Declared value / NPD <sup>1)</sup>
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	<b>A1</b>
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	<sup>c)</sup>
Acoustic absorption index	4.3.11 Sound absorption	$\alpha_p$ (AP <sup>10)</sup> and $\alpha_w$ , (AW <sup>10</sup> ) declared	<b>NPD</b>
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	S', SD <sup>10</sup> declared	<b>NPD</b>
	4.3.10.2 Thickness, d <sub>L</sub>	d <sub>L</sub> and classes for thickness tolerances T6 or T7	<b>NPD</b>
	4.3.10.4 Compressibility c	CP <sup>10</sup> declared	<b>NPD</b>
	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>10</sup> declared	<b>NPD</b>
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>10</sup> declared	<b>NPD</b>
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	<sup>b)</sup>
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity $\lambda$ (W/mK)	<b>0,038</b>
		Thermal resistance R=d/ $\lambda$ , (m <sup>2</sup> K/W)	1,30 ÷ 6,55 see product label
	4.2.3 Thickness	Thickness range (mm)	<b>50-250</b>
		Ti <sup>10</sup> class for thickness tolerance	<b>T4</b>
Water permeability	4.3.7.1 Short term water absorption	WS- declared W <sub>p</sub> ; (kg/m <sup>2</sup> )	<b>≤ 1</b>
	4.3.7.2 Long term water absorption	WL(P) - declared W <sub>lp</sub> ; (kg/m <sup>2</sup> )	<b>≤ 3</b>
Water vapour permeability	4.3.8 Water vapour transmission	Declared $\mu$ ; (MU <sup>10</sup> ) or ZI <sup>10</sup>	<b>MU1</b>
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) <sup>10</sup> or CS(10Y) <sup>10</sup> declared (kPa)	<b>CS(10)40<sup>1)</sup></b> *for top layer CS(10)70
	4.3.5 Point load	PL(5) <sup>10</sup> declared (N)	<b>PL(5)650</b>
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	<sup>2)</sup> Euroclasses	<b>A1</b>
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	<sup>2)</sup> declared R=d/ $\lambda$ , (m <sup>2</sup> K/W) and $\lambda$ (W/mK) if possible	1,30 ÷ 6,55 see product label
			<b>0,038</b>
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	<b>≤1%</b>
		DS(70,90) declared The relative changes in thickness	<b>≤1%</b>
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR <sup>10</sup> declared (kPa)	<b>TR10</b>
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC( $i_1$ <sup>10</sup> / $i_2$ <sup>10</sup> ) $\sigma_c$ compressive creep declared X <sub>c1</sub> and X <sub>c2</sub>	<b>NPD</b>

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>a)</sup> "T" indicates relevant class of level or declared value; <sup>b)</sup> national regulations not available; <sup>c)</sup> according to national regulations; see: Safety Use Instruction Sheet;

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:

**Frank Christian Bartel**  
**Technical&Production Director**  
(Name, function)

**Cigacice, 05.09.2016**  
(Place, date)

  
.....  
(Signature)