

## WINDROCK

## MW-EN13162-T4-CS(10)80-TR15-PL(5)700-WS-WL(P)-MU1

- Unique identification code of the product-type:  
**RW-CEE-0094**
- Intended use: Thermal insulation products for buildings (ThIB).
- Manufacturer: ROCKWOOL® Polska Sp. z o.o.,  
ul.Kwiatowa 14, 66-131 Cigacice.
- System of attestation of conformity: **System 1 + System 3**
- Harmonised standard: EN 13162:2012+A1:2015  
Notified body No 1390 Centrum stavebního inženýrství a.s. Praha.  
Certificate of constancy of performance No: 1390-CPR-0072/07/P(factory Cigacice), 1390-CPR-0102/08/P(factory Małkinia).
- Declared Performance in the Table 1:

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	A1
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>a)</sup> ) and $\alpha_w$ , (AW <sup>a)</sup> ) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	$s'$ , SD <sup>a)</sup> declared	NPD
	4.3.10.2 Thickness, $d_L$	$d_L$ and classes for thickness tolerances T6 or T7	NPD
	4.3.10.4 Compressibility $c$	CP <sup>a)</sup> declared	NPD
	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>a)</sup> declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>a)</sup> declared	NPD
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)	0,042
		Thermal resistance $R=d/\lambda$ , (m <sup>2</sup> K/W)	0,45±0,95 see product label
	4.2.3 Thickness	Thickness range (mm) Ti <sup>a)</sup> class for thickness tolerance	20-40 T4
Water permeability	4.3.7.1 Short term water absorption	WS- declared $W_p$ , (kg/m <sup>2</sup> )	≤ 1
	4.3.7.2 Long term water absorption	WL(P) - declared $W_{lp}$ , (kg/m <sup>2</sup> )	≤ 3
Water vapour permeability	4.3.8 Water vapour transmission	Declared $\mu_i$ ; (MU <sup>a)</sup> ) or Zi <sup>a)</sup>	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) <sup>a)</sup> or CS(10Y) <sup>a)</sup> declared (kPa)	CS(10)80
	4.3.5 Point load	PL(5) <sup>a)</sup> declared (N)	PL(5)700
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	<sup>2)</sup> Euroclasses	A1
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	0,45±0,95 see product label
			0,042
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD
		DS(70,90) declared The relative changes in thickness	NPD
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR <sup>a)</sup> declared (kPa)	TR15
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC( $l_1$ <sup>a)</sup> / $l_2$ <sup>a)</sup> ) $\sigma_c$ compressive creep declared $X_{c1}$ and $X_{c2}$	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; <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, 02.05.2016  
(Place, date)

  
(Signature)