

SPODROCK WG

MW-EN13162-T4-DS(70,90)-CS(10)30-TR7,5-PL(5)300-WS-WL(P)-MU1

- Unique identification code of the product-type:
RW-CEE-0103
- 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 Malkinia).
- 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 ¹⁾
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	c)
Acoustic absorption index	4.3.11 Sound absorption	α_p (API ^{a)}) and $\alpha_{w,s}$ (AWI ^{a)}) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' , SD ^{a)} 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 ^{a)} declared	NPD
	4.3.12 Air flow resistivity	AF ^{a)} declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF ^{a)} declared	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	b)
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ (W/mK)	0,039
		Thermal resistance $R=d/\lambda$, (m ² K/W)	0,50 ÷ 4,60 see product label
	4.2.3 Thickness	Thickness range (mm)	20-180
		Ti ^{a)} class for thickness tolerance	T4
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p , (kg/m ²)	≤ 1
	4.3.7.2 Long term water absorption	WL(P) - declared W_p , (kg/m ²)	≤ 3
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MUi ^{a)}) or Zi ^{a)}	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ^{a)} or CS(10Y) ^{a)} declared (kPa)	CS(10)30
	4.3.5 Point load	PL(5) ^{a)} declared (N)	PL(5)300
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	²⁾ Euroclasses	A1
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	²⁾ declared $R=d/\lambda$, (m ² K/W) and λ (W/mK) if possible	0,50 ÷ 4,60 see product label
			0,039
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD
		DS(70,90) declared The relative changes in thickness	≤1%
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR ^{a)} declared (kPa)	TR7,5
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC(i_1 ^{a)} / i_2 ^{a)}) σ_c compressive creep declared X_{c1} and X_{c2}	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "T" indicates relevant class of level or declared value; ^{b)} national regulations not available; ^{c)} 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, 20.03.2016
(Place, date)


(Signature)