

BETAROCK 180

MW-EN13162-T4-WS-MU1

1. Unique identification code of the product-type:
RW-CEE-0615
2. Intended use: Thermal insulation products for buildings (ThIB).
3. Manufacturer: ROCKWOOL® Polska Sp. z o.o.,
ul.Kwiatowa 14, 66-131 Cigacice.
4. System of attestation of conformity: **System 1 + System 3**
5. 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).
6. 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 α_w , (AWi ^{a)}) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s', SDi ^{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	CPi ^{a)} declared	NPD
	4.3.12 Air flow resistivity	AFi ^{a)} declared	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AFi ^{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)	0,045
		Thermal resistance $R=d/\lambda$, (m ² K/W)	0,30 ÷ 4,40 see product label
	4.2.3 Thickness	Thickness range (mm) Ti ^{a)} class for thickness tolerance	15-200 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)	NPD
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)j ^{a)} or CS(10Y)j ^{a)} declared (kPa)	NPD
	4.3.5 Point load	PL(5)j ^{a)} declared (N)	NPD
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	0,30 ÷ 4,40 see product label
			0,045
	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	TRi ^{a)} declared (kPa)	NPD
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 _{ct} and X _t	NPD

¹⁾ No performance determined (NPD); ²⁾ no change with time; ^{a)} "i" 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, 15.03.2016
(Place, date)


(Signature)