

STEPROCK HD4F d=20-70mm**MW-EN 13162-T6-CP3-DS(70,90)-CS(10)30-WS-SDi*-MU1**

- Unique identification code of the product-type:
RW-PL-G-0087-I
- Intended use: **Thermal insulation products for buildings (ThIB)**
- Manufacturer: **ROCKWOOL® Polska Sp. z o.o., ul.Kwiatowa 14, 66-131 Cigacice (factory Bohumin).**
- System of attestation of conformity: **System1+ System 3**
- Harmonised standard: **EN 13162:2012**
Notified body No. **1390 Centrum stavebního inženýrství a.s. Praha**
Certificate of constancy of performance No **1390-CPR-0323/12/P**
- Declared Performance in the Table 1, Table 2 and Table 3

Table 1

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized standard EN 13162:2012	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_{wv} (AWI ^{a)}) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s', SDi ^{a)} declared	See Table 3
	4.3.10.2 Thickness, d _t	d _t declared and classes for thickness tolerances T6 or T7	NPD
	4.3.10.4 Compressibility c	CPi ^{a)} declared	CP3
	4.3.12 Air flow resistivity	AFi ^{a)} declared. Direct airborne sound insulation index	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	Declared R and λ if possible	See table 2 0,035 W/mK
	4.2.3 Thickness	T ^{a)} class for thickness tolerance	T6
Water permeability	4.3.7.1 Short term water absorption	WS- declared W _s	≤1kg/m ²
	4.3.7.2 Long term water absorption	WL(P) -declared W _{ls}	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ ; (MU ^{a)}) or Zi ^{a)}	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) ^{a)} or CS(10(Y)) ^{a)} declared	CS(10)30 kPa
	4.3.5 Point load	PL(5) ^{a)} declared	NPD
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics	Reaction to fire as declared by 4.2.6	not change with time
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ if possible	not change with time
	4.2.7 Durability characteristics	DS(70,-) declared The relative changes in thickness	NPD
	4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	DS(70,90) declared The relative changes in thickness	≤1%
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR ^{a)} declared	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 _{c,r} and X _t	NPD

¹⁾ No performance determined; ^{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

Table 2

Thermal resistance, R _D											
d(mm)	20	25	30	40	50	60	70	-	-	-	-
R _D (m ² K/W)	0,45	0,60	0,70	0,95	1,20	1,45	1,70	-	-	-	-

NOTE: R value for thickness not seen in Table 2, is available on product label

Table 3

Dynamic stiffness							
d(mm)	20	30	40	50	60	70	-
SDi(MN/m ³)	30	20	16	14	12	10	-

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

Cigacice, 27.01.2015
Place, date


Signature