

**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 <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>e)</sup>
Acoustic absorption index	4.3.11 Sound absorption	$\alpha_p$ (AP <sup>3)</sup> ) and $\alpha_w$ (AWI <sup>3)</sup> ) declared	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s', SDI <sup>3)</sup> 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 <sup>3)</sup> declared	CP3
	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>3)</sup> declared. Direct airborne sound insulation index	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF <sub>i</sub> <sup>3)</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	Declared R and $\lambda$ , if possible	See table 2 0,035 W/mK
	4.2.3 Thickness	T <sup>3)</sup> class for thickness tolerance	T6
Water permeability	4.3.7.1 Short term water absorption	WS- declared $W_{p,s}$	$\leq 1 \text{ kg/m}^2$
	4.3.7.2 Long term water absorption	WL(P) -declared $W_{p,l}$	NPD
Water vapour permeability	4.3.8 Water vapour transmission	Declared $\mu$ ; (MU <sup>3)</sup> ) or ZI <sup>3)</sup>	MU1
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10) <sup>3)</sup> ) or CS(10(Y)) <sup>3)</sup> ) declared	CS(10)30 kPa
	4.3.5 Point load	PL(5) <sup>3)</sup> ) 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 $\lambda$ , 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	$\leq 1\%$
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TR <sup>3)</sup> declared	NPD
Durability of compressive strength against ageing/degradation	4.3.6 Compressive creep	CC( $t_1$ <sup>3)</sup> / $t_2$ <sup>3)</sup> ) $\sigma_c$ compressive creep declared $X_{c,t}$ and $X_t$	NPD

<sup>1)</sup> No performance determined; <sup>2)</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

Table 2

d(mm)	Thermal resistance, $R_D$											
	20	25	30	40	50	60	70	-	-	-	-	
$R_D(\text{m}^2\text{K/W})$	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

d(mm)	Dynamic stiffness					
	20	30	40	50	60	70
$SDI(\text{MN/m}^3)$	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  
(Name, function)

Cigacice, 27.01.2015  
(Place, date)



Signature