Declaration of Performance No RW-PL/G-DoP-1069/T/14/w1

CE

Conlit 150 U (A/F) d=20-110mm

1. Unique identification code of the product-type: **RW-PL-G-1069-I**
2. Type and serial number allowing identification of the product: **Conlit 150 U (A/F) d=20-110mm; MW-EN 13162-T4-WS-WL(P)**
3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Thermal insulation products for buildings(ThIB)**
4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): **ROCKWOOL® Hungary Kft**, *Keszthelyi út 53, Tapolca H-8300*
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): *not applicable*
6. System of attestation of conformity: ***System 1+ System 3***
7. Notified Certification body **ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft.,** Diószegi út 37, Budapest HU-1113 *No.* **1415** performed, carried out the initial type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity (test report) *No.* **1415-CPR-19-(C-7/2010)**
8. *Not applicable*
9. Declared Performance in the *Table 1* and *Table 2*

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** d<30mm: **A2-s1; d0**
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 declared 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	AF_ri[a)] declared. Direct airborne sound insulation index	**NPD**
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF_ri[a)] declared.	**NPD**
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	[c)]
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ if possible	See *table 2* **0,041 W/mK**
	4.2.3 Thickness	*Ti*[a)] class for thickness tolerance	**T4**
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p;	**≤ 1 kg/m²**
	4.3.7.2 Long term water absorption	WL(P) -declared W_{lp}	**≤ 3 kg/m²**
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ; (MUi[a)]) or Zi[a)]	**NPD**
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10)i[a)] or CS(10\Y)i[a)] declared	**NPD**
	4.3.5 Point load	PL(5)i[a)] declared	**NPD**
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristic	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 reistance and thermal conductuvity	Declared R and λ if possible	**not change with time**
	4.2.7 Durability characteristics 4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	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	**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 [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**	**30**	**40**	**50**	**60**	**80**	**100**	**110**	**120**	**140**	**160**	**180**	**200**	**220**
R_D(m²K/W)	**0,45**	**0,70**	**0,95**	**1,20**	**1,45**	**1,95**	**2,40**	**2,65**	**--**	**--**	**--**	**--**	**--**	**--**

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

10. The performance of the product identified in points **1** and **2** is in conformity with the declared performance in *Table1* and *Table2* of point **9**. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tapolca, 08. 2014.

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Frank Christian Bartel
Technical and Production Director

Declaration of Performance No RW-PL/G-DoP-1068/T/14/w1

CE

Conlit 150 P d=20-110mm

1. Unique identification code of the product-type: **RW-PL-G-1068-I**
2. Type and serial number allowing identification of the product: **Conlit 150 P d=20-110mm; MW-EN 13162-T4-WS-WL(P)-MU1**
3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Thermal insulation products for buildings(ThIB)**
4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): **ROCKWOOL® Hungary Kft**, *Keszthelyi út 53, Tapolca H-8300*
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): *not applicable*
6. System of attestation of conformity: ***System 1+ System 3***
7. Notified Certification body **ÉMI Építésügyi Minőségellenőrző Innovációs Nonprofit Kft.**, Diószegi út 37, Budapest HU-1113 *No.* **1415** performed, carried out the initial type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity (test report) *No.* **1415-CPR-19-(C-7/2010)**
8. *Not applicable*
9. Declared Performance in the *Table 1* and *Table 2*

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_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 declared 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	AF_ri[a)] declared. Direct airborne sound insulation index	**NPD**
Direct airborne sound insulation index	4.3.12 Air flow resistivity	AF_ri[a)] declared.	**NPD**
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	[c)]
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Declared R and λ if possible	See *table 2* **0,041 W/mK**
	4.2.3 Thickness	*Tl*[a)] class for thickness tolerance	**T4**
Water permeability	4.3.7.1 Short term water absorption	WS- declared W_p;	**≤ 1 kg/m²**
	4.3.7.2 Long term water absorption	WL(P) -declared W_{lp}	**≤ 3 kg/m²**
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)i[a)] or CS(10\Y)i[a)] declared	**NPD**
	4.3.5 Point load	PL(5)i[a)] declared	**NPD**
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristic	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 reistance and thermal conductuvity	Declared R and λ if possible	**not change with time**
	4.2.7 Durability characteristics 4.3.2 Dimensional stability under specified temperature or under specified temperature and humidity conditions	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	**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 [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**	**30**	**40**	**50**	**60**	**80**	**100**	**110**	**120**	**140**	**160**	**180**	**200**	**220**
R_D(m²K/W)	**0,45**	**0,70**	**0,95**	**1,20**	**1,45**	**1,95**	**2,40**	**2,65**	--	--	--	--	--	--

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

10. The performance of the product identified in points **1** and **2** is in conformity with the declared performance in *Table1* and *Table2* of point **9**. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tapolca, 08. 2014.

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Frank Christian Bartel
Technical and Production Director