Declaration of Performance No RW-PL/G-DoP-0803/C/14/w1

CE

FLEXOROCK $D_o \geq 150mm$

1. Unique identification code of the product-type: **RW-PL-G-0803-I**

2. Type and serial number allowing identification of the product: **See label FLEXOROCK $D_o \geq 150mm$ MW-EN 14303-T9-ST(+)400-WS1-MV2**

3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **thermal insulations products for building equipment**

4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): **ROCKWOOL® Polska Sp. z o.o., ul. Kwiatowa 14, 66-131 Cigacice.**

5. Where, applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): not applicable

6. Systems of assessment and verification of constancy of performance of the construction products as set out in CPR, Annex V: **Systems 1 and 3**

7. Notified Certification body **No. 1390 Centrum stavebního inženýrství a.s. Praha,** 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 constancy of performance **No 1390-CPR-0343/12/P (factory Cigacice).**

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 14303:2009 + A1:2013	Declared value/ NPD[1)]
Reaction to fire	4.2.4 Reaction to fire	Euroklass	B_L-s1; d0
Continuous glowing combustion	4.3.10 Continuous glowing combustion	According to national test method where available	[b)]
Thermal conductivity	4.2.1 Thermal conductivity	λ_D declared	See table2
	4.2.2.1 Linear dimension.	*Ti*[a)] Classes for thickness tolerances -length - inside diametr -thickness uniformity -squareness	T9 ±5mm +5mm O4 2%*/-0mm Difference less than 10mm or 12%* ±4mm or ±2mm of the external nominal diameter*
Dimensional stability	4.2.3 Dimensional stability	The test is not carried out if S(T)+ is declared.	*See 4.3.2*
Water permeability	4.3.5 Water absorption	W_p Short term water absorption	WS1(≤1 kg/m^2)
Water vapour permeability	4.3.6 Water vapour diffusion resistance:	μ , MVi[a)] declared	MV2
Rate of release of corrosive substances	4.3.7 Trace quantities of water soluble ions and the pH-value	Trace quantities of water-soluble ions: chloride/ fluoride/ silicate/ sodium, - pHi[a)]	 NPD NPD
Release of dangerous substances to the indoor environment	4.3.9 Released of dangerous substances	EU level not yet avilable	[c)]
Durability of reaction to fire against ageing/degradation and high temperature	4.2.5.2 Durability of reaction to fire	Reaction to fire against ageing	Not change with time
Durability of thermal resistance against ageing/degradation	4.2.5.3 Durability of thermal resistance	Thermal resistance against ageing	Not change with time
Durability thermal resistance against high temperature	4.2.5.4 Durability thermal resistance against high temperature	Thermal resistance against high temperature	Not change with time
Service temperature	4.3.2 Maximum service temperature	ST(+)i[a)] declared °C	ST(+)400
Compressive strength	4.3.4 Compressive stress or compressive strength	CS (10)i[a)] or CS(Y)i[a)], declared	NPD
Acoustic absorption index	4.3.8 Sound absorption	α_p (APi[a)]) and α_w, (AWi[a)]) declared	NPD

[1)] No performance determined; * whichever gives the greatest numerical tolerance; [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

Declared thermal conductivity λ_D							
T (°C)	50	100	150	200	250	-	-
λ (W.mK)	0,047	0,056	0,069	0,084	0,103	-	-

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

Frank Christian Bartel
Technical&Production Director
(Name, function))

Cigacice, 10.01.2014
Place, date

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Signature

ROCKWOOL®
NIEPALNE IZOLACJE

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