

# DECLARATION OF PERFORMANCE



**COVEROCK**  
INSULATION



## COVEROCK -R110 [d=100-190mm]

**DECLARATION OF PERFORMANCE NO.**

CR-DOP/MW/03-100-190

**DECLARED THERMAL CONDUCTIVITY COEFFICIENT**

$\lambda = 0.035$  [W/(mK)]

**UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE**

**COVEROCK R90 MW-EN13162-T5-DS(70.90)-CS(10)40-TR15-WS-WL(P)-MU1**

**INTEND USE OR USES**

Factory made mineral wool (MW) products for thermal insulation of buildings.

**PRODUCER/OFFICIAL DISTRIBUTOR**

**PRODUCER:** PLATFORMA IZOLACJI Wojciech Paliga, ul. Wroclawska 14/6a, 41-902 Bytom , POLAND  
**FACTORY:** PETRALANA S.A, ul. Konstytucji 74, 41-905 Bytom , POLAND  
**EXCLUSIVE DISTRIBUTOR:** Coverock Insulation Ltd.: The Flint Barn, Glovers Close, Biggin Hill, TN13 6GA , UNITED KINGDOM

**SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE**

SYSTEM 1 AND SYSTEM 3

**HARMONIZED STANDARD**

EN 13162:2012+A1:2015 "Thermal insulation products for buildings – factory made mineral wool (MW) products – specification"

**NOTIFIED CERTIFICATION BODY OR BODIES**

Instytut Mechanizacji Budownictwa I Gornictwa Skalnego nr. 1454

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## DECLARATION OF PERFORMANCES

DECLARED CHARACTERISTICS				
ESSENTIAL CHARACTERISTICS	REQUIREMENT CLAUSES IN THIS EUROPEAN STANDARD	SYMBOL	DECLARED LEVEL AND/OR CLASSES	UNIT
Reaction to fire Euroclass characteristics	Reaction to fire	RiF	A1	Euroclass
Release of dangerous substances to the indoor	Release of danger substances	-	NPD	-
Acoustic absorption index	Sound absorption	aPI (API) i aWI (AWI)	NPD	-
Impact noise transmission index	Dynamic stiffness	S' SD	NPD	MN/m3
	Thickness, dL	dL	100-190	mm
	Compressibility, c	CP	NPD	mm
	Air flow resistivity	AFr	NPD	kPa.s/m2
Direct airborne sound insulation index	Air flow resistivity	Afr	NPD	kPa.s/m2
Continuous glowing combustion	Continuous glowing combustion	-	NPD	-
Thermal resistance	Thermal resistance and thermal conductivity	R $\lambda$	Table-Thermal Resistance 0.035	m2K/W W/mK
	Thickness	Class for thickness tolerances	T5	mm or %
	Short time water absorption	WS	<1	kg/m2
Water permeability	Long time water absorption	WL(P)	<3	kg/m2
	Water vapour permeability	Water vapour transmission	MU	MU1
Compressive strength	Compressive stress or compressive strength	CS(10/Y)	40	kPa
	Point load	PL	NPD	-
Durability of reaction to fire against heat, weathering ageing/degradation	Durability characteristics	Reaction to fire	A1	Euroclass
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance and thermal conductivity	Declared $\lambda$	0.035	W/mK
	Dimensional stability under specified temperature	DS	<1	%
	Dimensional stability under specified temperature and humidity conditions	DS	<1	%
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR	15	kPa
Durability of compressive strength against ageing/degradation	Compressive creep	CC(i1/i2/y) $\omega_c$	NPD	mm

THERMAL RESISTANCE R <sub>D</sub>										
d [mm]	100	110	120	130	140	150	160	170	180	190
R <sub>D</sub> [m <sup>2</sup> KW]	2.85	3.10	3.40	3.70	4.00	4.25	4.55	4.85	5.10	5.40

The performance of the product identified above is in conformity with the declared performance. This declaration is issued with respect to regulation (EU) no. 305/2011 under the sole responsibility of the manufacturer identified above.

COVEROCK Insulation:

Mateusz Paczkowski

Bytom, 2020-12-07