

## **DECLARATION OF PERFORMANCE**

### **DECLARATION OF PERFORMANCE NO.**

PTRL-DoP/MW/15/10

# UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

PETRAFAS-M MW-EN13162-T5-DS(70,90)-CS(10)30-TR15-WS-WL(P)-MU1-AW0,70

## **INTENDED USE OR USES**

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

#### **PRODUCER**

**Head Office** 

Name:

PETRALANA S.A.

Adresss:

Konstytucji 74

41-905 Bytom, Poland

## SYSTEM OF ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE

System 1 and System 3

## HARMONIZED STANDARD

EN 13162:2012+A1:2015

## **NOTIFIED CERTIFICATION BODY OR BODIES**

Sieć Badawcza Łukasiewicz – Warszawski Instytut Technologiczny nr 1454



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ESSENTIAL CHARACTERISTICS	REQUIREMENT CLAUSES IN THIS EUROPEAN STANDARD	SYMBOL	DECLARED LEVEL AND/OR CLASSES	UNI	
Reaction to fire	Reaction to fire	RtF	A1	Eurock	
Release of dangerous substances to the indoor environment	Release of dangerous substances		NPD	-	
Acoustic absorption index for floors	Sound absorption	αΡΙ (ΑΡί) i αWI (AWi)	0,70		
	Dynamic stiffness	s' SD	NPD	MN/r	
	Thickness, dL	d <sub>t</sub>	AND/OR CLASSES  A1 Euro  NPD  Wi) 0,70  NPD MM  50-99 n  NPD NPD kPa  NPD kPa  NPD kPa  NPD Table-Thermal Resistance  0,035 W/  50-99 n  <1 kg  MU1  30 kg  MU1  30 kg  NPD  Table-Thermal Resistance  0,035 W/  <1 Euro  Table-Thermal Resistance  MU1  30 kg  MU1  31 kg  MU1  32 kg  MU1  33 kg  MU1  34 kg  MU1  35 kg  MU1  41 Euro  Table-Thermal Resistance  0,035 W/  41  41	mm	
Impact noise transmission index (for floors)	Compressibility, c	AFr         NPD         kPa-s           AFr         NPD         kPa-s           -         NPD         -           R         Table-Thermal Resistance         m²K           λ         0,035         W/(r           d <sub>N</sub> 50-99         mr           Class for thickness tolerances         T5         mr           WS         <1	mm		
	Air flow resistivity	AFr	NPD	kPa∙s/	
Direct airborne sound insulation index	Air flow resistivity	AFr	NPD	kPa-s/	
Continuous glowing combustion	Continuous glowing combustion	-	NPD	-	
	Thermal resistance and thermal conductivity	R	Resistance m*K/V		
Thermal resistance		λ	0,035	W/(m	
I nermai resistance	Thermal resistance and thermal conductivity	mm			
	Thickness	The second secon	AND/OR CLASSES	mm	
	Short time water absorption	WS	50-99 T5 <1 <3 MU1	kg/m	
Water permeability	Long time water absorption	WL(P)	<3	kg/m	
Water vapour permeability	Water vapour transmission	ми	MU1	-	
	Compressive stress or compressive strength	CS(10)	30	A1 Euroclas  NPD - 0,70 - NPD MN/m³ 50-99 mm  NPD kPa·s/m NPD kPa·s/m NPD - Table-Thermal Resistance m²K/W  <1 kg/m²  Table-Thermal Resistance m²K/W  A1 Euroclas  Table-Thermal Resistance m²K/W  A1 Euroclas  Table-Thermal Resistance m²K/W  A1 Euroclas  Table-Thermal Resistance m²K/W  A1 Euroclas	
Compressive strength	Point load	PL(5)	A1 Euroc  NPD -  0,70 -  NPD MN/  50-99 mn  NPD kPa-s,  NPD kPa-s,  NPD -  Table-Thermal Resistance m²K/  <1 kg/r  A1 kg/r  A1 Euroc  Table-Thermal Resistance m²K/  <1 kg/r  A1 kg/r  A1 Euroc  Table-Thermal Resistance m²K/  A2 kg/r  A3 kg/r  A4 Euroc  Table-Thermal Resistance m²K/  A1 Kg/r  A1 Euroc		
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	Reaction to fire	A1	Eurock	
	Thermal resistance and thermal conductivity	R	MEDISTRUCTURE CONTRACTOR	Table-Thermal m²K/M	
South Who after a south a circum a south of the		Declared λ	0,035	W/(m	
Durability of thermal resistance against heat, weathering , ageing/degradation	Dimensional stability under specified temperature	d <sub>N</sub>   50-99   mm     Class for thickness tolerances   T5   mm     WS   <1   kg/m²     WL(P)   <3   kg/m²     MU   MU1   -			
	Dimensional stability under specified temperature and humidity conditions	33 (10,50)	<1	%	
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR	15	kPa	
Durability of compressive strength against ageing/	Compressive creep	CC(i1/i2/y)δc	NPD	mm	

							THERN	1AL RE	SISTAN	ICE R <sub>D</sub>							
d <sub>N</sub> [mm]	50	60	70	80	90	99	-		-	-	-	-	-	-	-	-	-
R <sub>D</sub> [m <sup>2</sup> KW]	1,40	1,70	2,00	2,25	2,55	2,80	-	-	-	-	-	-	-	-	-	-	-

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued with respect to Regulation (EU) No 305/2011 under the sole r esponsibility of the manufactur er identified above.

QUALITY DEPARTMENT AND CERTIFICATION MANAGER							
Place: Bytom	Date: 0805 2025	KIEROWNIK DZIAŁU KONTROL JAKOŚCI  mgr irsigūtwie Goluch					
		DETRALANIA	ELL				