

## DECLARATION OF PERFORMANCES

### DECLARATION OF PERFORMANCE NO.

Nr PTRL-DoP/MW/15/115  
PETRAFAS-A d = 221-230 mm

### UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

PETRAFAS-A MW-EN13162-T5-DS(70,90)-CS(10)20-TR10-WS-WL(P)-MU1-SS20

### INTENDED USE OR USES

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

### PRODUCER

Head Office		Factory	
Name:	<b>PETRALANA S.A.</b>	Name:	<b>PETRALANA S.A.</b>
Adress:	<b>Str Mazowiecka 11</b>	Adress:	<b>Str Konstytucji 74</b>
	<b>40-732 Katowice, Poland</b>		<b>41-905 Bytom, Poland</b>
Phone:	<b>+48 32 209 01 27</b>	Phone:	<b>+48 32 770 05 00</b>

### 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 Górnictwa Skalnego nr 1454

**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	Rf	A1	Euroclass
Release of dangerous substances to the indoor	Release of dangerous substances	-	NPD	-
Acoustic absorption index	Sound absorption	aPI (APi) i aWi (AWi)	NPD	-
Impact noise transmission index	Dynamic stiffness	s' SD	NPD	MN/m <sup>2</sup>
	Thickness, dL	dL	221-230	mm
	Compressibility, c	CP	NPD	mm
	Air flow resistivity	AFr	NPD	kPa.s/m <sup>2</sup>
Direct airborne sound insulation index	Air flow resistivity	AFr	NPD	kPa.s/m <sup>2</sup>
Continuous glowing combustion	Continuous glowing combustion	-	NPD	-
Thermal resistance	Thermal resistance and thermal conductivity	R	Tabela - Opór cieplny	m <sup>2</sup> K/W
		λ	0,035	W/mK
	Thickness	Class for thickness tolerances	T5	mm
Water permeability	Short time water absorption	WS	<1	kg/m <sup>2</sup>
	Long time water absorption	WL(P)	<3	kg/m <sup>2</sup>
Water vapour permeability	Water vapour transmission	MU	MU1	-
Compressive strength	Compressive stress or compressive strength	CS(10/Y)	20	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	Deklarod λ	0,035	W/mK
	Dimensional stability under specified temperature	DS	<1	%
	Dimensional stability under specified temperature and humidity conditions		<1	%
Tensile/Flexural strength	Tensile strength perpendicular to faces	TR	10	kPa
Durability of compressive strength against ageing/degradation	Compressive creep	CC(1/12/y)δc	NPD	mm
Shear strength	Shear strength	SS	20	kPa

THERMAL RESISTANCE R <sub>D</sub>																
d [mm]	221	230	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R <sub>D</sub> [m <sup>2</sup> KW]	6,30	6,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 responsibility of the manufacturer identified above.

**DIRECTOR OF QUALITY MANAGEMENT**

Date: 25.05.2020

DYREKTOR  
ZARZĄDZAJĄCY JAKOŚCIĄ  
*Jasek*  
mgr inż. Wioletta Jasek  
Signature