

**DECLARATION OF PERFORMANCE**

No 09/ 2013

1. Unique identification code of the product-type: **ISOROOF- T d=40 MW – EN13162- T3- DS(TH)-TR15-PL(5)500-WS-CS(10)60-MU1-WL(P)**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4): **Date of production (batch number provided on the label)**

**ISOROOF-T d=40 mm**

**ISOROOF – T d=40 MW – EN13162- T3- DS(TH)-TR15-PL(5)500-WS-CS(10)60-MU1-WL(P)**

**$\Lambda_D = 0,039$  [W/mK]**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: PN- EN 13162:2013-05 “ Mineral wool products (MW) factory manufactured.

For thermal insulation in the construction industry. Specification”.

Factory manufactured products for applications covered by the regulations relating to reaction to fire .

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11(5):

ISOROC POLSKA S.A.

ul. Leśna 30

13-100 Nidzica

Phone: + 48 89 625 03 00

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

6. System or systems of assessment and verification of consistency of performance of the construction product as set out in Annex V:

Conformity assessment system 1 + system 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Polish Testing and Certification Centre no 1434

has carried out the procedure of product type verification on the basis of preliminary type testing, initial inspection of the manufacturing plant and Manufacturing Quality Control as well as the permanent control and conduct the continuous

surveillance, assessment and evaluation of factory production control

and has issued the **Certificate of Consistency of Performance**

8. In case of the declaration of performance concerning a construction product covered by a European Technical Evaluation:  
does not apply

9. Declared performance:

Essential characteristics	Performance	Levels and/or classes	Harmonized technical specification
Reaction to fire	Euroclass characteristics	A1	PN-EN 13162:2013-05
Release of dangerous substances to the indoor environment	Release of dangerous substances	At the EU level are not yet available	PN-EN 13162:2013-05
Acoustic absorption index	Sound absorption	NPD	PN-EN 13162:2013-05
Impact noise transmission index ( for floors)	Dynamic stiffness	NPD	PN-EN 13162:2013-05
	4.3.10.2 Thickness, $d_L$	NPD	
	Compressibility	NPD	
	Air flow resistivity	NPD	
Direct airborne sound insulation index	Air flow resistivity	NPD	PN-EN 13162:2013-05
Continuous glowing combustion	Continuous glowing combustion	At the EU level are not yet available	PN-EN 13162:2013-05
Thermal resistance	Thermal resistance and thermal conductivity	0,039 W/mK	PN-EN 13162:2013-05
	4.2.3 Thickness	T3	
Water permeability	Short term water absorption	WS	PN-EN 13162:2013-05
	Long term water absorption	WL(P)	
Water vapour permeability	Water vapour transmission	MU1	PN-EN 13162:2013-05
Compressive strength	Compressive stress or compressive strength	CS(10)60	PN-EN 13162:2013-05
	Point load	PL(5)500	
Durability of reaction to fire against heat, weathering, ageing, degradation	Durability characteristics	does not change in time <sup>a</sup>	PN-EN 13162:2013-05
Durability of thermal resistance against heat, weathering ageing/ degradation	Thermal resistance and thermal conductivity	does not change in time <sup>b</sup>	PN-EN 13162:2013-05
	Durability characteristics	NPD	
Tensile/Flexural strength	Tensile strength perpendicular to fascies	TR 15	PN-EN 13162:2013-05
Durability of compressive strength against ageing/ degradation	Compressive creep	NPD	PN-EN 13162:2013-05

NPD – No performance determined

<sup>a</sup> The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

<sup>b</sup> Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

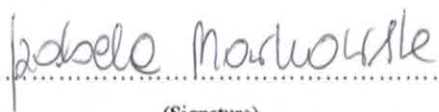
Signed for and on behalf of the manufacturer by

Izabela Markowska – Quality Control Manager ISOROC POLSKA S.A.

(Name and position)

Nidzica, 08.05.2014

(Place and date of issue)

  
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(Signature)