

**DECLARATION OF PERFORMANCE**  
**08/2013**

1. Unique identification code of the product-type:

**ISOROOF d=50-99**

**Kliny dachowe d=50-99**

**MW-EN13162- T3-DS(TH)-TR15-PL(5)400-WS-CS(10)50-MU1-WL(P)**

2. Intended use or uses of the construction product:

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

3. Producent:

**ISOROC POLSKA S.A.**

**UL. LEŚNA 30**

**13-100 NIDZICA**

**tel. +48 89 625 03 00**

4. System (s) of assessment and verification of constancy of performance:

system 1 and system 3

6a. The harmonized standard

PN- EN 13162:2013-05 "Mineral wool products (MW) factory manufactured.

For thermal insulation in the construction industry. Specification"

Unit or bodies notified:

**System 1 - Polskie Centrum Badań i Certyfikacji S.A. nr 1434**

**System 3 - Polskie Centrum Badań i Certyfikacji S.A. nr 1434**

7. 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, $d_i$	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)50	PN-EN 13162:2013-05
	Point load	PL(5)400	
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.

The constancy of performance of the above defined product is consistent with the set of declared performances.

The declaration of performance is issued in compliance with Regulation 305/2011/EU of the European Parliament under the sole responsibility of the manufacturer referred above

Signed for and on behalf of the manufacturer by

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

27.03.2015r., w Nidzicy,

