

**DECLARATION OF PERFORMANCE
No 12/ 2016**

1. Unique identification code of the product-type:

ISOOLOSE MW – EN 14064-1-S1-WS-MU1

2. Intended use or uses of the construction product:

For thermal insulation in construction. Designed for forming in situ, covered by applications in respect of reaction to fire performance

3. Manufacturer:

ISOROC POLSKA S.A.
ul. Leśna 30
13-100 Nidzica
Phone: + 48 89 625 03 00

4. System or systems of assessment and verification of consistency of performance

Conformity assessment system 1 and system 3

5. The harmonized standard:

PN- EN 14064-1 Thermal insulation products for the construction industry. Articles made of mineral wool (MW) in the form of unconnected formed in situ. Part 1: specification in the form of unconnected, prior to their application.

Notified body or bodies: : **System 1 – Polskie Centrum Badań i Certyfikacji S.A. no 1434**
System 3 – Polskie Centrum Badań i Certyfikacji S.A. no 1434

6. Declared performance:

| Essential characteristics | Performance | Levels and/or classes | Harmonized technical specification |
|---------------------------------|---------------------------------|-------------------------------|------------------------------------|
| Reaction to fire | Euroclass characteristics | A1 | PN – EN 14064-1 |
| Water permeability | Short term water absorption | WS [$\leq 1 \text{kg/m}^2$] | PN– EN 14064-1 |
| Release of dangerous substances | Release of dangerous substances | NPD | PN – EN 14064-1 |
| Thermal resistance | Thermal conductivity | 0,039 [W/mK] | PN – EN 14064-1 |
| | Insulation thickness | 10 [kg +/- 10%] | |
| Water vapour permeability | Water vapour transmission | MU1 | PN – EN 14064-1 |
| Continuous glowing combustion | Continuous glowing combustion | NPD | PN – EN 14064-1 |

| | | | |
|---|---|--------------------------------------|-----------------|
| Durability of the reaction to fire as a function of aging / degradation | a | Does not change in time | PN – EN 14064-1 |
| Durability of thermal resistance as a function of aging / degradation | Thermal resistance and Thermal conductivity | Does not change in time ^b | PN – EN 14064-1 |
| | Subsidence | S1 [$\leq 5\%$] | |

NPD – No performance determined

^a 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.

^b 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 performance of the product specified above are consistent with a set of declared performance. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 sole responsibility of the producer referred to above:

Signed for and on behalf of the manufacturer by

Paulina Czechowska – p.o. Quality Control Manager ISOROC POLSKA S.A.

(Name and position)

Nidzica, 30.12.2016

(Place and date of issue)



(Signature)