



# DECLARATION OF PERFORMANCE



DoP-030-03-CPR-2016-03-15

1. Unique identification code of the product-type	030-03-english
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Regulation (EU) No 305/2011.	See product label <b>IZOVAT 160</b>
3. Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonized technical specification	Thermal insulation for buildings
4. The name, registered trade name or registered trade mark in accordance with Art. 11 (5) CPR	OBIO LLC IZOVAT <sup>®</sup> Zhytomyr, str. Promyslova, 6 e-mail: info@izovat.ua website: www.izovat.ua tel/fax: +38(0412) 412-412
5. The system or systems of assessment and verification of constancy of the building material in accordance with CPR	System 1
6. The certification body No. 1020 - Technology and Research Institute of Building Prague inspected the factory and factory inspection and continuous surveillance, assessment and evaluation of factory production control factory according to the system 1 and issued the certificate of conformity EC-conformity.	
7. Harmonised technical specification	EN 13162:2012+A1:2015

8. Technical characteristics:

## MW-EN13162-T5-DS(70,90)-CS(10)50-TR12-PL(5)500-MU1-WL(P)-WS

Essential characteristics	Requirement clauses in this European standard, levels or classes	Declared value
Reaction to fire, Euroclass characteristics	4.2.6. Reaction to fire, Euroclass	A1
Release of dangerous substances	4.3.13 Release of dangerous substances	NPD
Thermal resistance and thermal conductivity	4.2.1 Thermal conductivity, $\lambda_D$	0,037 W/mK
	4.2.1 Thermal resistance, $R_D^{a)}$	see annex A
Dimensions	4.2.2 Length/Width	$\pm 2,0\% \pm 1,5\%$
	4.2.3 Thickness, class Ti	T5
	4.2.4 Squareness	< 5mm/m
	4.2.5 Flatness	> 6mm
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics <sup>b)</sup>	not change with time <sup>c)</sup>
Durability of thermal resistance against heat, weathering, ageing/degradation	4.3.2 Dimensional stability under certain conditions of temperature and relative humidity, DS ( 70.90 )	$\pm 1,0\%$
	4.2.1 Thermal resistance and thermal conductivity, $R_D^{a)}$ and $\lambda_D^{d)}$	not change with time
Compressive strength	4.3.3 Compressive stress at 10% relative deformation, CS	50 kPa
	4.3.5 Point Load, PL(5)	500 N
Tensile strength	4.3.4 Tensile strength perpendicular to the faces <sup>e)</sup> , TR	12 kPa
Acoustic absorption index	4.3.11 Sound absorption, AW	NPD
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness, SDi	NPD
	4.3.10.2 Thickness, mm and T Class	NPD
	4.3.10.4 Compressibility, CPi	NPD
	4.3.12 Air flow resistivity, AFR	NPD
Direct airborne sound insulation index	4.3.12 Air flow resistivity, AFR	NPD
Continuous glowing combustion	4.3.15 Continuous glowing combustion	NPD

Water permeability	4.3.7.1 Short term water absorption, WS	$\leq 1 \text{ kg/m}^2$
	4.3.7.2 Long term water absorption, WL(P)	$\leq 3 \text{ kg/m}^2$
Water vapour permeability	4.3.8 Water vapour transmission, MU <sub>i</sub>	MU1

NPD – No Performance Determined

- a) - For products of non-uniform thickness (i.e. sloped and tapered products) only the thermal conductivity is declared
- b) - No change in reaction to fire properties for mineral wool products.
- c) - 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.
- d) - 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.
- e) - This characteristic also covers handling and installation

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Ukraine, 2016.03.15



Deputy Director «OBIO» LLC M. Desna