

# DECLARATION OF PERFORMANCE

## DoP No. 153-02 Bekatherm mrežica (mesh) 160

Facade mesh

1. Name and/or designation of the construction product type:

**Bekatherm mrežica (mesh) 160**

2. Type, batch or serial number or some other element that enables identification of the construction product:

**Stamped on the packaging.**

3. Intended use or uses of the construction product in accordance with the appropriate technical specification or technical regulation:

**Glass facade mesh for reinforcement in Bekatherm Standard and Bekatherm Prestige thermal insulation facade systems and other insulating surfaces.**

4. Name and address of the manufacturer:

**For Banja Komerc Bekament DOO, 132 Kralja Petra Prvog, 34304 Banja, Arandjelovac, Serbia produces Masterplast YU d.o.o. Bodrogvari Ferenc 172, 24000 Subotica, Serbia**

5. Name and address of representative: /

6. System or systems of assessment and verification of the constancy of performance of the construction product (AVCP), determined by the appropriate technical specification or technical regulation:

**System 2 +**

7. Applied technical regulations:

/

8. List of essential characteristics and performance of essential characteristics:

Characteristics	Value	Specification
Width, cm	100 ( $\pm 1\%$ )	ETA

Distance from the middle of one thread to the middle of the other thread- longitudinal/transverse, mm	(5,1x4,2) ±0,5	16/0068 EAD 040016-00- 0404, 2016
Internal dimensions of the frame, mm	(3,9x3,8) ±0,5	
Weaving accuracy	passes	
Weight with protective layer, g/m <sup>2</sup>	160 (±5%)	
Thickness, mm	0,43 (±0,02%)	
Reaction to fire	NPD	
Content of flammable material, %	20 (±4%)	
Average value of thermal energy during burning	6,61 MJ/kg; 1,05 MJ/m <sup>2</sup>	
Splitting force- longitudinal/transverse,	>2000 N/5 cm / >2000 N/5 cm	
Stretchability- longitudinal/transverse, %	<4,5 / <4,5	
Tearing force- longitudinal/transverse after aging	>1000 N/5 cm / >1000 N/5 cm min 50% / min 50%	
Stretchability- longitudinal/transverse after aging, %	<3,5 / <3,5	

**9. The product testing was carried out by TZUS - TECHNICKY A ZKUSEBNI USTAV STAVEBNI PRAHA s.p. (NB 1020) in accordance with EAD 040016-00-0404 Glass fiber mesh for cement-based plaster reinforcement, 2016 and certificate ETA 16/0068 FPC No.: 1020-CPR-060043936 was issued.**

The characteristics of the product are in accordance with the characteristics specified in point 8.

This performance declaration is published in accordance with the Law on Construction Products (Official Gazette of RS, No. 83 of October 29, 2018) and EU Regulation, CPR 305/2011 and is solely the responsibility of the manufacturer specified in point 4.

Vesna Jovanović, BSc in Technology Eng.  
 Director of development and technical support

In Banja  
 07.07.2023.  
 Signed

Banja Komerc Bekament d.o.o. T +381 34 677 75 00 office.prodaja@bekament.com  
 Kralja Petra Prvog 132, Banja, Arandelovac/34304 Banja F +381 34 677 75 05 www.bekament.com

Tekući računi: 205-107631-11 Komercijalna banka, 275-220862016-42 OTP banka Srbija, 160-62023-53 Banca Intesa,  
 265-1100310004339-30 Raiffeisen banka | Matični broj: 06056091 | Šifra delatnosti: 4690 | PIB: 100997773 | PDV: 131889250





Round official seal: BANJA komerc BEKAMENT DOO V  
Banja Arandjelovac

Banja Komerc Bekament d.o.o.

Kralja Petra Prvog 132, Banja, Arandjelovac/34304 Banja

T +381 34 677 75 00

F +381 34 677 75 05

[office.prodaja@bekament.com](mailto:office.prodaja@bekament.com)

[www.bekament.com](http://www.bekament.com)

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