

**TECHNICAL DATA SHEET**

Edition: 1

Version: 2

**Bekament mrežica 160****RZ-TLP-153-02****Date: 23.12.2021.****Prepared by:** Marija Jovanović**Approved by:** Vesna JOvanović Kamaljević**1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY****Trade name of the product:**

Bekatherm mrežica 160

**Information on the manufacturer:**

Banja Komerc Bekament DOO

Kralja Petra Prvog 132

Arandelovac

tel. 034-6777-500

fax. 034-6777-505

e-mail: komercijala@bekament.com

**Contact for TDS preparation:**

e-mail: laboratorija@bekament.com

**2. DESCRIPTION AND SCOPE OF APPLICATION**

**Bekament mrežica 160** is a reinforced fiberglass mesh used within the Bekatherm Standard, that is, the Bekatherm Prestige thermal insulation system.

**3. COMPOSITION**

**Chemical composition:** C glass, without softener, with a thread displacement prevention layer.

**4. TECHNICAL FEATURES**

<b>Lenght</b> (declared by the manufacturer)	50 m (±1%)
<b>Width</b> (EAD 040016-000-0404, 2.2.5)	100 cm (±1%)
<b>Distance from the middle of one to the middle of the other thread - longitudinal/transversal</b> (EAD 040016-000-0404, 2.2.4)	(5.1x4.2) ±0.5 mm
<b>Inner dimensions of the cell</b> (EAD 040016-000-0404, 2.2.4)	(3.9x3.8) ±0,5 mm
<b>Weaving accuracy</b> (EAD 040016-000-0404, 2.2.6)	passed
<b>Weight with a protective layer</b> (EAD 040016-000-0404, 2.2.8)	160g/m <sup>2</sup> (±5%)

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<b>Thickness</b> (EAD 040016-000-0404, 2.2.9)	0.43 mm (±0.02%)
<b>Reaction to fire</b> (EAD 040016-000-0404, EN 13501-1)	Not available
<b>Content of combustible material</b> (EAD 040016-000-0404, 2.2.2)	20% (±4%)
<b>Average value of thermal energy during combustion</b> (EAD 040016-000-0404, EN ISO 1716)	6.61 MJ/kg; 1.05 MJ/m <sup>2</sup>
<b>Tearing force - longitudinal/transversal</b> (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.1)	>2000 N/5 cm/ >2000 N/5 cm
<b>Extensibility - longitudinal/transversal</b> (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.1)	<4.5%/<4.5%
<b>Tearing force - longitudinal/transversal after aging</b> (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.2)	>1000 N/5 cm/ >1000 N/5 cm min 50%/ min 50%
<b>Extensibility - longitudinal/transversal after aging</b> (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.2)	<3.5%/<3.5%

## 5. PREPARATION AND APPLICATION

**Bekament mrežica 160** should be pressed into the base layer of the adhesive, which is applied with a serrated trowel (tooth depth about 10 mm), from top to bottom and from the inside to the outside, with an overlap of 10 cm. Press so that the mesh is visible and not completely covered with adhesive. After 24 hours of drying, a final layer of adhesive, which is used to smooth the facade surface, should be applied over the hardened adhesive.

## 6. TOOLS CLEANING

The tools should be thoroughly washed with water immediately after use. If the tools are not washed immediately after use, mechanically remove any hardened residues.

## 7. HANDLING AND STORAGE

Packed rolls should be stored on a pallet in dry rooms, protected from direct sunlight. Store at -10°C to +40°C.

## 8. DISPOSAL METHOD

In accordance with local/regional/European/national regulations.

## 9. OTHER INFORMATION

If the contractor notices an aesthetic or application deficiency during material installation, he is obliged to cease the works and notify the manufacturer thereof, who shall take the remarks into consideration in the shortest possible time frame. Remarks sent to the manufacturer after incorporation of a significant portion or the entire quantity of the material, cannot be the subject of complaint.

## 10. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories. It also regularly tests its products in certified laboratories. Technical Data Sheet is the product of our knowledge and previous practical experience and it should serve to all users as a recommendation in order to achieve the best possible results. If weather and other conditions are different than those described in our instructions, our instructions need to be taken as general guidelines, without an installation warranty.

Banja Komerc Bekament DOO assumes no liability for damages resulting from the improper use or incorrect selection of product, as well as for poorly executed works. It is assumed that the contractor has mastered the techniques of installation and use of various products.

Matters written herein bind us in no way.

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