

TECHNICAL DATA SHEET	Edition: 1	Version: 2
Bekament mrežica 145	RZ-TLP-153-01	Date: 23.12.2021.
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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name of the product:

Bekatherm mrežica 145

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 145 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

Length (declared by the manufacturer)	50 m (±1%)
Width (EAD 040016-000-0404, 2.2.5)	100 cm (±1%)
Distance from the middle of one to the middle of the other thread - longitudinal/transversal (EAD 040016-000-0404, 2.2.4)	(5.9x4.4) ±0.5 mm
Inner dimensions of the cell (EAD 040016-000-0404, 2.2.4)	(4.7x4.0) ±0.5 mm
Weaving accuracy (EAD 040016-000-0404, 2.2.6)	passed
Weight with a protective layer (EAD 040016-000-0404, 2.2.8)	145g/m ² (±5%)

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Thickness (EAD 040016-000-0404, 2.2.9)	0.48 mm ($\pm 0.02\%$)
Reaction to fire (EAD 040016-000-0404, EN 13501-1)	Not available
Content of combustible material (EAD 040016-000-0404, 2.2.2)	18% ($\pm 4\%$)
Average value of thermal energy during combustion (EAD 040016-000-0404, EN ISO 1716)	6.53 MJ/kg; 0.95 MJ/m ²
Tearing force - longitudinal/transversal (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.1)	1750 N/5 cm/ 1900 N/5 cm
Extensibility - longitudinal/transversal (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.1)	<4.5%/<4.5%
Tearing force - longitudinal/transversal after aging (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%
Extensibility - longitudinal/transversal after aging (EAD 040016-000-0404, 2.2.7, ETAG 004, 5.6.7.1.2)	<3.5%/<3.5%

5. PREPARATION AND APPLICATION

Bekament mrežica 145 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

In a covered, dry place protected from moisture, sun and heat. Rolls must be stored in PVC packaging in a vertical position on the pallet. 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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