

TECHNICAL DATA SHEET

FIBERGLASS MESH 125 g/m² – BICOMesh

TECHNICAL AGREEMENT NR. 001SC-04/719-2018

DESCRIPTION

Fiberglass mesh is a product characterized primarily by resistance to alkaline environment. It is coated with a layer of SBR (Styrene-Butadiene).

Fiberglass mesh with the weight of 125 g/m² is a significant element in the isolation system, being used as a reinforcing element for surfaces with a thin layer of plaster. It also gives strength to wall rendering and plastering.

DESTINATION AND FIELD OF USE

- ✓ Fiberglass mesh with the weight of 125 g/m² is used as a reinforcing element for interior and exterior plasters, protecting them from cracking;
- ✓ It is used in manufacture of reinforcement layers for facades renovations.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	TESTING METHOD	UNITS	TOLERANCE	VALUES
Appearance of fiberglass mesh	SR EN ISO 7823-1:2003			without visible physical defects
Dimensions – material width	SR EN ISO 7823-1:2003	mm	±1%	1000
Dimensions – material length	SR EN ISO 7823-1:2003	mm	±1%	50000
Total weight per unit area	SR 137-95	g/m ²	±5%	125
Tensile strength under normal storage conditions - MD	SR EN 13496:2014	N/5 cm	±1%	1080
Tensile strength under normal storage conditions - CMD	SR EN 13496:2014	N/5 cm	±1%	1310
Elongation at break under normal storage conditions - MD	SR EN 13496:2014	% min.		5
Elongation at break under normal storage conditions - CMD	SR EN 13496:2014	% min.		5
Tensile strength after 24 hours in alkaline solution at T = +60°C - MD	SR EN 13496:2014	N/5 cm		550
Tensile strength after 24 hours in alkaline solution at T = +60°C - CMD	SR EN 13496:2014	N/5 cm		740
Fire reaction class				F (without determined performance)

*MD = Machine Direction; CMD = Cross Machine Direction;

CERTIFICATIONS

The manufacturer **S.C. BICO INDUSTRIES S.A.** has implemented an integrated management system: quality, environment, occupational health and safety, according to **ISO 9001, ISO 14001 and SR OHSAS 18001** - AEROQ certificates.

CLASSIFICATION ACCORDING TO CHEMICAL STANDARDS. POSSIBLE RISKS, PREVENTION REQUIREMENTS

Fiberglass mesh does not require marking and is not a dangerous product. According to Regulation (EC) no. 1907/2006 of the European Parliament and of the Council, the fiberglass mesh does not require the safety data sheet.

SPECIFIC CONDITIONS, STORAGE, TRANSPORTATION

- ✓ **Specific conditions:** it is recommended to be stored in clean, dry places, at temperatures between -5°C and 30°C, protected from the direct radiation of any heat source or from the direct action of the sun's rays;
- ✓ **Storage:** to be stored in rolls positioned vertically, in covered and appropriate storages;
- ✓ **Transportation:** the rolls of fiberglass mesh, positioned vertically on pallets, are being transported with adequate and covered transportation.

Form code: F.PO-09.7.1/0

SC BICO Industries SA
NRC: J27/1388/2006
CUI: RO 19241603

610094 - Petru Movila nr. 31
Piatra Neamț, România

730234 - Metalurgiei nr. 1
Vaslui, România

office@bicoindustries.ro
+40 233 211 400 T
+40 233 211 500 F

www.bicoindustries.ro

officevs@bicoindustries.ro
+40 235 311 079 T
+40 235 311 079 F

www.bicoindustries.ro