



PLANT PURCHASING SPECIFICATION
BHOPAL

BP 25691

REV NO. 05

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SUPERSEDES
BP 25691 Rev.04

GLASS FIBRE MAT - SILANE TREATED
(450 g.s.m.)

1. GENERAL :

This specification governs the quality of randomly laid glass fibre mat made from low-alkali 'E' glass and silane treated, intended for use with polyester resins and accelerators. The glass mat shall be free from oil and grease spots, stains and other contaminations.

2. APPLICATION :

The material may be used for the insulation of studs, bolts etc. and for the manufacture of hard glass mat sheets.

3. COMPLIANCE WITH NATIONAL STANDARDS :

There is no Indian Standard covering this type of material. However, assistance has been drawn from DIN 61853 - 2 "Textile Glass Mats For Plastic Reinforcement".

4. TEST METHODS :

Unless otherwise specified the tests shall be conducted in accordance with the relevant methods of DIN 61853 - 2.

5. SAMPLE FOR TESTS :

1 m² of sample shall be supplied for testing and approval purposes from each lot.

6. DIMENSIONS & TOLERANCES :

6.1 Construction : Size of glass mat shall conform to M 113 - 450 - 105 of DIN 61853 - 2.

6.2 Thickness : 0.80 mm.

6.3 Width : 1050 mm.

7. PHYSICAL PROPERTIES :

7.1 Appearance :

Shall not be streaked or stained and shall be free from oil and grease spots and other contaminations.

Revision : Reviewed & Brought upto date

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7.2 Substance : 450 gm/m² with tolerance of $\pm 5\%$.

8. CHEMICAL PROPERTIES :

8.1 Glass Content : 96.0 %, Min.

9. TEST CERTIFICATE :

Unless otherwise specified, three copies of test certificate shall be supplied with each consignment.

In addition, the supplier shall ensure to enclose one copy of the test certificate Alongwith their despatch document to facilitate quick clearance of the material.

The test certificate shall bear the following information :

BP 25691 : Glass Fibre Mat-Silane Treated (450 g.s.m).
Rev.05

Our Order No.

Batch / Lot No.

Grade No.

Test values obtained/certificate for compliance for clause 6 to 8.

10. PACKING & MARKING :

The glass mat shall be supplied in rolls sealed in moisture proof polyethylene bags, packed individually in card board cartons and crated in such a manner as to give adequate protection during transit.

Each container shall be clearly marked with the following information :

BP 25691 : Glass Fibre Mat-Silane Treated (450 g.s.m).

Our Order No.

Manufacturer's Name and Grade.

Batch / Lot No.

Details of the construction.

Date of Manufacture.

Net Weight & Gross Weight

Test Certificate Reference.