



# M7 OPTIMIZED RESIN CONSUMPTION

Newly developed M7 chopped strand emulsion mat is specially designed as an ideal solution for open mold hand lay-up applications in a variety of industries. The product features optimized resin consumption, excellent mechanical properties and is easy to work with yielding excellent laminate results.

- Produced with Advantex®, market-leading, corrosion-resistant E-CR glass technology created by Owens Corning.
- Made from medium tex strands randomly dispersed and bonded with an emulsion binder.
- Certification by the Indian Registrar of Shipping\* (\*certification pending)

## FOR OPEN MOLD HAND LAY-UP APPLICATIONS

### Product Benefits

#### Optimal Resin Consumption

- Quick wetting with rapid air release helps optimize resin consumption and optimize resin cost.

#### Easy Handling & Molding

- Good conformability and easy to work with and less effort required, which assists in making high-quality parts with potential for reduced labor cost.

#### Excellent Mechanical Properties

- Excellent wet tensile strength and laminate properties, consistent laminate thickness.
- Compared to standard E-glass, Advantex® helps with higher service life in applications facing corrosion.

### Applications

M7 is specifically designed for use in unsaturated polyester, vinyl ester resin systems in open-mold, hand lay-up applications for manufacturing boats, automotive parts, chemical tanks, flowerpots, and pools. It can also be used for other general purpose applications.



## Availability & Packaging

M7 chopped strand mat is available in India.

MANUFACTURING LOCATION	NOMINAL MAT WEIGHT (G/M <sup>2</sup> )	ROLL WIDTH (CM)	ROLL DIAMETER (CM)	ROLLS PER PALLET	PALLET SIZE (CM)
Taloja	180 – 225 – 300 – 450 – 600	104 - 125	27.5 cm	16	115 x 115

## Labeling

Each individual package is labeled with information including product code, nominal weight, roll width, roll number, date of manufacture.

## Storage

Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. Ideal conditions are at a temperature between 10°C and 35°C and a relative humidity between 35% and 85%. The glass fiber products must remain in their original packaging material until the point of usage. If the storage temperature is below 15°C, it is recommended that the product be stored in the workshop, within its original packaging, at least 24 hours prior to use to help prevent condensation. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water. When stored properly, there is no known shelf life to the product, and retesting is advised after three years from the initial production date to insure optimum performance.



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