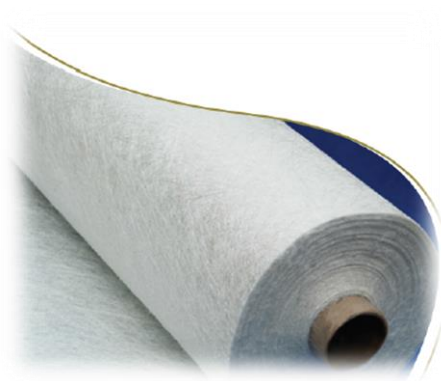


### PRODUCT DATA SHEET



**EICOMAT 305 EB** is a chopped strand mat (CSM) made of randomly oriented chopped **E-CR\*** glass fiber strands bonded into mat form with an emulsion binder. CSM is porous, flexible, has rapid penetration and fast wet out rate with good air-release properties.

It has good handling properties and is used in the hand lay-up process with unsaturated polyester resins to make GRP pipe fittings, water and chemical tanks, swimming pools, boats, playground equipment and many other items which require good mechanical properties, chemical resistance and good aesthetics.

#### ***EICOMAT 305 EB is designed to provide:***

- **fast wet out, good air release and uniform wet-through rate**
- **excellent conformability and integrity**
- **even weight distribution**
- **excellent mechanical properties**
- **superior corrosion resistance Vs standard E-glass**

#### **PRODUCT DATA**

Product (gsm)	Area Weight (%)	Moisture Content (%)	Tensile strength (N/150 mm)	Width (mm)	Binder Content (%)
	ISO 3374	ISO 3344	ISO 3342	ISO 5025	ISO 1887
<b>EICOMAT EB 300</b>	± 8%	≤ 0.2	≥ 60	± 5	3.5 ± 1
<b>EICOMAT EB 450</b>	± 8%	≤ 0.2	≥ 70	± 5	3.5 ± 1
<b>EICOMAT EB 600</b>	± 8%	≤ 0.2	≥ 80	± 5	3.5 ± 1

\* E-CR = Electrical and Chemical Resistant

#### **PRODUCT AVAILABILITY**

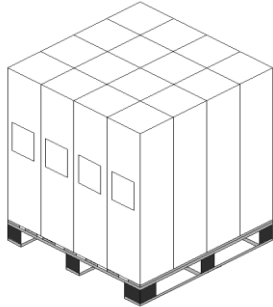
Product (gsm)	Length of Roll (m)	Weight of roll (KG)		Rolls/Pallet	Pallet Size (cm)
		1m	1.25m		
<b>EICOMAT EB 300</b>	100	30	37.5	16	114 x 114 x 13.5
<b>EICOMAT EB 450</b>	67	30	37.5	16 / 8	114 x 114 x 13.5 / 129 x 114 x 13.5
<b>EICOMAT EB 600</b>	50	30	37.5	16 / 8	

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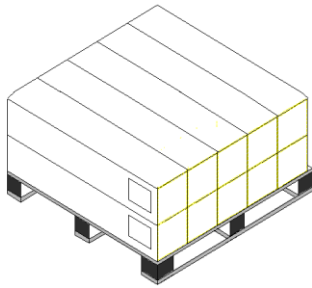
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### PACKAGING & LABELLING

Mat is wound on a cardboard tube with an internal diameter of 9 cm. Each roll is placed in a protective PE bag and packed in an individual carton box. Carton Boxes are placed on pallets vertically and stretch wrapped for protection and stability. Each box has a label with Product code, net weight of the roll and production details for easy identification. Alternatively sleeve packing can be made also available.



### STORAGE

It is advised to store glass fiber products in cool, dry area with temperature less than 35 °C and relative humidity below 75%. The product should be kept in original packing condition to avoid contamination with dust until use. During usage the products should be stored in the shop floor in the original packaging condition for at least 24 hours. This will allow the product to attain the shop floor temperature conditions and also prevent moisture condensation. Pallets should not be stacked more than two layers high.

There is no known shelf life for the product when stored properly. However it is recommended to retest the product in case the product is not used within three years from the date of manufacturing to ensure optimum properties.

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The above information is provided solely as a guide in selection of reinforcement. EICO believes the information provided to be reliable and does not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. Before committing to production the user agrees to be responsible for thoroughly testing any application and determine the properties of its own commercial compounds when using this or any other reinforcement. EICO makes no warranty of any kind.



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