



MEGA MESH FG-720

**HIGHLY VERSATILE GLASS FIBRE MESH FOR
EXCELLENT BOND & REINFORCEMENT**

Product Description

Mega Mesh FG-720 is a non-woven material made from E-glass fibers. The fibers are held together by an emulsion binder, making it compatible with various resin systems such as polyester, vinyl ester, and urethane-acrylate resins. This type of mat is widely used in composite manufacturing, especially in applications requiring high strength and durability.

Features and Benefits

- **High Tensile Strength:** Suitable for reinforcing large area products.
- **Good Wet-Through and Fast Wet-Out:** Ensures quick and thorough impregnation with resins.
- **No Flying Feathers During Operation:** Enhances safety and ease of handling.
- **High Dimensional Stability:** Ensures consistent performance in composite applications.
- **Good Moldability:** Easily conforms to complex shapes and curves, making it ideal for hand lay-up and mechanical molding processes.

Applications

- **Automotive:** Manufacture of parts where strength and lightweight are critical.
- **Marine:** Construction of boat hulls and other structural components.
- **Construction:** Reinforcement of panels, sheets, and other structural elements.
- **Industrial:** Used in chemical and infrastructure projects for reinforcement purposes.
- **Integrated Use in Waterproofing Systems:** Mega Mesh FG-720 is also utilized within our advanced waterproofing systems, such as Beta, Beta Plus, Adva, etc. For detailed application methods, please visit our website at <https://megasealers.com/waterproofing-systems>

Mesh Size and Availability

It is available in various roll sizes to suit different project needs, including 4-inch, 6-inch, and 100-foot lengths. Custom sizes are also available upon request.



Usage Guidelines

Surface Preparation: Clean and dry the surface to improve adhesion.

Base Coat Application: Apply a base coat of waterproofing material.

Mesh Positioning: While the base coat is wet, place Mega Mesh FG-720, aligning carefully to avoid wrinkles.

Embedding the Mesh: Press the mesh into the base coat, ensuring full contact.

Top Coat Application: Apply an additional layer to fully cover the mesh, enhancing durability.

Drying: Allow full drying time as recommended.

These steps maximize the strength and durability of Mega Mesh FG-720 in waterproofing applications.

Storage and Handling

Storage Conditions: Store in a cool, dry place with a temperature between 15°C and 35°C and humidity between 35% and 65%.

Packaging: Typically wound on a paper tube, wrapped in plastic film, and packed in cartons. Can be supplied in various roll lengths and weights depending on requirements.

Health and Safety Information

It is physiologically non hazardous once cured. However, follow standard Health & Safety Procedures when handling the product and wear gloves and face / eye protection. Avoid eye and skin contact. If skin contact occurs, wash with plenty of water and soap. In case of eye contact rinse with plenty of water and seek medical advice.

Non reacted material should only be disposed to special designated sites. It is better to let the product react with water to form foam before disposal in landfill sites.

The information given here is true, represents our best knowledge and is based not only on laboratory work but also on field experience. However, because of numerous factors affecting results, we offer this information without guarantee and no patent liability is assumed. For additional information or questions, please contact your local representative.

In case of any query or technical assistance, please feel free to contact us on following numbers mentioned below. Our dedicated customer support team will be happy to assist you.



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