

PRODUCT DESCRIPTION

ARFM™ is alkali-resistant system's mesh fabric made of the E-glass fiber yarn, through a special weaving technique, and then should be coated by the anti-alkali agent. ARFM™ fiberglass mesh has good properties like cohesion, flexibility, tensile strength, etc.

ARFM™ fiberglass mesh is an ideal material for building engineering and is widely used to prevent the walls from cracking and reinforce walls stress resistance and impact resistance.

PRODUCT FEATURES

- E-glass woven fabric as its basis mesh.
- ARFM™ in alkali-resistant system has ability to resist the alkalinity of the base coats.
- Flexible and soft.
- Long-lasting strength.
- Meshes are available in a range of weights
- Low weight.
- Easy to apply.
- Good for many architectural styles and shapes.
- Cost-effective.



Alkali-Resistant System's Mesh Fabric - ARFM™

- The purchaser should perform any tests deemed necessary to establish conformance to their requirements before purchase order. The purchaser would be responsible for any conflict between his / her requirements and the product specifications.

HANDLING

Before using ARFM™, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

TECHNICAL DATA

	Unit	ARFM™110	ARFM™125	ARFM™145	ARFM™200
Total Weight	gsm	110	125	145	200
Mesh Size	per inch ²	6*4	2.5*2.5	5*5	3*3
Tensile Strength in Standard Condition warp/weft*	N/50 mm	1700 / 1600	2400 / 2400	2000 / 2000	3200 / 3200
Elongation in Standard Condition warp/weft*	%	4 / 4	3.5 / 3.5	3.8 / 3.8	3.5 / 3.5

* In accordance with the standard DIN EN ISO 13934-1

NOTE: ARFM™ is available in a variety of total weight and mesh size by customer order.

PRODUCT USES

ARFM™ fiberglass mesh is an ideal material for building engineering and typically used for waterproofing in roofing applications, Exterior Insulation Finishing System (EIFS) and reinforcing concretes and any alkaline base medium.

HOW TO USE

- The surface needs to be dry, dust-free, clean and flat.
- Apply a coat of the desired base coat according to an appropriate Product Data Sheet's application procedures.
- Embed the ARFM™ fiberglass mesh into the wet base coat using a steel trowel, troweling from the center of the mesh to the edges. Avoid wrinkles in the mesh.
- Ensure that no fiberglass mesh is visible.
- Note: before using ARFM™ or any our products, refer to alkali-resistant system's and related component's documents.

LIMITATIONS

- Adding alkali-silica reactivity-inhibiting admixture to the concrete is required before ARFM™ application.

STORAGE

Store ARFM™ fiberglass mesh in a dry area with no exposure to moisture.

FIRST AID

Avoid contact with eyes or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact, flush immediately with running water for at least 15 minutes. Consult a physician immediately. Do not take internally. Be sure to provide adequate ventilation in enclosed areas. Use of an approved respirator is recommended

DISCLAIMER OF LIABILITY

Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product within one month. Any claim for breach of this warranty must be brought within one month of the date of purchase. AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.