

Reinforcing Mesh

Fiber reinforcing mesh for Exterior Insulation and Finish System

DESCRIPTION

Balanced, open-weave glass, fiber reinforcing mesh, twisted multi-end strands treated for compatibility with **Alpha Dry Base Coat**. A variety of **Reinforcing Mesh** types are available to meet the different requirements of impact resistance at specific wall locations.

ADVANTAGES

- Alkali resistance, compatibility with **Alpha Dry Base Coat**
- Maintains tensile strength and flexibility for long-term durability

TYPICAL APPLICATIONS

- For use with all Senerflex® Wall Systems that use insulation boards and for use over insulation shapes on all Senerflex Wall Systems.

PACKAGING

Name	Description	Weave	Weight	Fabric Count	Packaging
Flexguard 4 Reinforcing Mesh	A single-layer application of Flexguard 4 provides reinforcement for wall system areas not expected to receive abnormal abuse or traffic	Leno	160 g/m ² ± 5%	22.5 x 17	100 cm x 50 m roll
Intermediate 12 Reinforcing Mesh	A versatile, intermediate weight mesh. While capable of being used for a complete single-layer application, Intermediate 12 is often used in conjunction with Flexguard 4 to offer added impact resistance at specific areas (i.e. around doors or walkways).	Leno	330 g/m ² ± 5%	25 x 11.5	96.5 cm x 22.8m roll
Corner Mesh	An intermediate-weight mesh for use at exterior corners when added impact resistance or clean, crisp corners are desired. CORNER MESH is pre-marked for easy bending. An overlay of FLEXGUARD 4, INTERMEDIATE 12 is required when CORNER MESH is used	Plain or Hurl	304 g/m ² (9.0 oz/yd ²) ± 5%	12 x 4	22.9 cm x 45.7m roll

Reinforcing Mesh

TYPICAL PROPERTIES*

ASTM E 695 impact resistance: No cracks in the exterior insulation and finish system from a drop height of 1.83m. Maximum indentation did not exceed 8.5mm. EIMA impact standard 101.86:

FLEXGUARD 4 / Alpha Dry Base Coat	Standard Impact Resistance	2.8–5.6 J
INTERMEDIATE 12 / Alpha Dry Base Coat	Medium Impact Resistance	5.7–10.1 J
INTERMEDIATE 12 & FLEXGUARD 4 / Alpha Dry Base Coat	High Impact Resistance	10.2–17.0 J

Dade county protocol 201 impact tests (large and small missile): Passed with various wall assemblies.

APPLICATION GUIDELINES

Corner Mesh: Install **Corner Mesh** at exterior corners. Apply mixed **Alpha Dry Base Coat** to insulation board at outside corners. Immediately embed the **Corner Mesh** into the **Alpha Dry Base Coat** by trowelling from the corner, butt edges and avoid wrinkles. After **Alpha Dry Base Coat** is dry and hard, apply a layer of **Flexguard 4** or **Intermediate 12 Reinforcing Mesh** over the entire surface of the **Corner Mesh**.

Flexguard 4 and Intermediate 12 Reinforcing Meshes: Fully embed clean mesh into wet base coat and smooth with a trowel so as to achieve mesh embedment with no mesh colour visible. Double layers of **Flexguard 4 Reinforcing Mesh** must be applied at all inside and outside corners. Window corners also require secondary reinforcement as per details. Lap Reinforcing Mesh 64 mm minimum at edges.

WATCHPOINTS

- Protect Reinforcing Mesh during transportation and installation to avoid physical damage.
- Apply in temperatures of 4°C and higher.

Consult the Master Builders Solutions Construction Chemicals Technical Services Department for specific recommendations concerning all other applications.

A brand of

MASTER[®]
» BUILDERS
SOLUTIONS

Reinforcing Mesh

STORAGE

Store Reinforcing Mesh in a cool, dry place protected from exposure to moisture.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the MBCC Group in many countries.

MBS_CC-UAE/Snf_ReinMesh_10_07/v1/12_13/v2/07_20

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this Master Builders Solutions publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

Master Builders Solutions
Construction Chemicals LLC
P.O. Box 37127, Dubai, UAE
Tel: +971 4 8090800
www.master-builders-solutions.com/en-ae

Disclaimer: the TUV mark relates to certified management system and not to the product mentioned on this datasheet



A brand of
MASTER®
BUILDERS
SOLUTIONS