

reinforcing mesh

Reinforcing Mesh - EIFS Base Coats



REINFORCING MESH is a specially woven glass fiber reinforcing mesh that meets ASTM E 2098 for alkali resistances. It is designed to be used with Ultrakote base coats to provide impact resistances and strenghts.

Uses:

Reinforcing Mesh is primarily used with Ultrakote polymer modified base coats in accordance with EIFS specifications. It can also be used to integrate EPS shapes and over stucco in restoration projects to help resist cracking.

Ultrakote 4.5 oz. Standard Mesh is recommended for all applications, low traffic areas and for the second floor and higher. Use in accordance with Ultrakote Specifications.

Ultrakote 4.5 oz. Detail Mesh is recommended for speciality shapes, parapets, irregular details work, inside and outside corner and to encapsulate the exposed edges of the EPS insulation board.

Ultrakote 6.0 oz. Standard Mesh is recommended for added protection in moderate traffic areas and for the second floor and higher.

Ultrakote 11 oz. Intermediate Mesh is recommended for all areas where high traffic is anticipated and additional protection is needed.

Ultrakote 20.0 oz. High Impact Mesh is recommended very high traffic is anticipated. The edges of the High Impact Mesh should be butted and a layer of 4.5 oz. mesh should be applied over entire wall surface.

Ultrakote 2.1 oz. Transition Mesh 4" x 180' is recommended for use with Shurguard ro, Shurgard ta and Parakote. Board Joint Mesh is embedded at all joints and transitions to provide a continuous moisture barrier.

Product Specifications:

Packaging:

Field Mesh - 2 to 4 rolls per box depending on the mesh thickness.

Detail Mesh - 16 rolls per box.

Board Joint Mesh - 18 rolls per box.

Coverage:

Ultrakote Mesh 4.5 oz./yd x 38" wide x 150 linear feet (475 sq. ft.)

Ultrakote Detail Mesh 4.5 oz./yd x 9 1/2" wide x 150 linear feet (119 sq. ft.)

Ultrakote Standard Mesh 6 oz./yd x 38" wide x 150 linear feet (475 sq. ft.)

Ultrakote Intermediate Mesh 11 oz./yd x 38" wide x 75 linear feet (237.5 sq. ft.)

Ultrakote Ultra High Impact Mesh 20 oz./yd x 38" wide x 75 linear feet (237.5 sq. ft.)

Ultrakote Board Joint Mesh 2.1 oz./yd x 4" wide x 180 linear feet (54 sq. ft.)

Color:

Off-white

Storage:

Store in cool dry place away from direct sunlight.

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Surface Preparation:

Before applying EPS insulation board, attach Ultrakote Detail Mesh from the edges of all planned termination points of the insulation with base coat. This strip of mesh will wrap the edge of the insulation when the base coat is applied "back wrapping". The EPS insulation must be well fastened or adhered to the substrate. If insulation board has been adhesively applied, wait at least 24 hours before continuing work on the surface. Fill 1/8" gaps and larger insulation board with slivers of EPS. Cut slivers flush with a razor knife and rasp entire surface of insulation board. EPS insulation board shall not vary more than 1/8" in every 8' span. Cut any aesthetic joints at this time. Brush or blow off all insulation dust from wall. To complete the back wrapping of the insulation board, apply the base coat to the under-side thickness edge of the EPS insulation board and approximately 6" up the face of the insulation board. Starting from the underside, embed the Ultrakote Detail Mesh fully into the base coat. Do not leave any wrinkles in the mesh. Feather the base coat onto the insulation face of the insulation board.

Application:

Prior to application of base coat and mesh, all insulation board irregularities greater than 1/16" must be sanded flush. Install detail mesh over aesthetic joints or other architectural detail. Leave enough detail mesh so that field mesh can overlap onto detail mesh at least 2 1/2". Apply base coat over entire area to receive mesh approximately 3/32" thick for 4.5 oz. and 6 oz. mesh and 3/16" thick for 12.5 oz. and 20.5 oz. mesh.

Immediately place reinforcing mesh against the wet base coat and trowel from the center out to avoid wrinkles. Trowel until mesh is completely embedded and the color of the mesh can not be seen.

The mesh should be continuous at all corners and lapped or butted in accordance with Ultrakote's recommendations. The thickness of the base coat shall be sufficient to fully cover the mesh. When using High Impact or Ultra-High Impact mesh do not overlap the mesh but abut them tightly. Let base coat dry for 24 hours and examine to make sure entire surface is flat enough to finish application. If joints can be seen apply another thin coat of base or sand joints lightly to flatten surface. Over all areas receiving 15 oz. or 20.5 oz. mesh a second layer of Ultrakote Standar must be applied (see detail drawings and specifications).

Precaution:

KEEP OUT OF THE REACH OF CHILDREN.

Not for internal consumption.

Do not apply in non-ventilated areas.

Use protective equipment such as gloves, eye protection and clothing.

First Aid:

In case of eye contact, flush with water at least 15 minutes.

In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION.

Remove and wash contaminated clothing.

If inhalation causes physical discomfort, remove to fresh air. If discomfort continues, any breathing difficulty occurs or if swallowed, SEEK MEDICAL ATTENTION.

For additional information refer to the material Safety Data Sheet (MSDS).

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF THE REACH OF CHILDREN.

NOT FOR INTERNAL CONSUMPTION, FOR INDUSTRIAL USE ONLY.

Spills:

Scrape up and wash with water immediately. If material has set, scrape material with appropriate tools and clean with citric acid.

Prop 65:

This product contains material listed by the state of California known to cause cancer, birth defects or other reproductive harm.

Technical support:

For technical support call 1-602-272-5830. Information contained in this product Information Guide conforms to the standard detail recommendations and specifications for the installations of Ultrakote Products as of the date published on this document. Ultrakote Products, Inc. assumes no liability, expressed or implied, as to architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact Ultrakote Products, Inc. or visit website at: www.ultrakoteproducts.com