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## Ecologic™ Brand Fiberglass Mesh Roll

### Non-Rusting, Alkali-Resistant Fiberglass Mesh for Lime Plaster/Stucco Systems

**PRODUCT DESCRIPTION:**

Ecologic™ Brand Fiberglass Mesh Roll is a lightweight mesh ideal for interior or exterior plaster reinforcement when used with Ecologic™ Plaster TAKCOAT™ or TOPCOAT™ systems to permanently hide joints, cracks, holes, and/or unify surfaces when embedded into mortar or plaster. Non-rusting and alkali-stable, Ecologic™ Brand Fiberglass Mesh Roll is produced from woven strands that are both flexible and flame retardant. Using Ecologic™ Brand Fiberglass Mesh Roll as a supplement to plaster system base coats can help prevent cracking, reinforce corners, or even provide a backing for ornamental plaster.

Available in 150' rolls in either 9.5" or 38.5" wide (non-adhesive), or 18" rolls (self-adhering).

**PRODUCT SPECIFICATIONS:**

- **Packaging:** Single Roll
- **Color:** White
- **Roll Size:**
  - \* 9.5" x 150' (0.24 x 45.72 m)
  - \* 18" x 150' (0.45 x 14.72 m)
  - \* 38.5" x 150' (0.97 x 45.72 m)
- **Roll Weight:**
  - \* **9.5"x150':** 3.85 lbs (1.75 kg)
  - \* **18" x 150':** 5 lbs (2.27 kg)
  - \* **38.5"x150':** 14.5 lbs (6.58 kg)
- **Lath Weight:** 3.7 oz/yd<sup>2</sup> (125 g/m<sup>2</sup>)
- **Tensile Strength:**
  - Warp:* 160 lbs/in (0.794 kg/cm)
  - Weft:* 183 lb/in (0.908 kg/cm)

**ADVANTAGES:**

- Lightweight rolls with large surface coverage
- Non-rusting and alkali-resistant
- Can be applied in any direction and wrapped to conform to shaped features
- Easily cut to size with no sharp edges

**USES:**

- For embedding in properly prepared Ecologic™ Plaster TAKCOAT™ *Platinum* to reinforce or help reduce risk of substrate cracks or drywall board joint lines from migrating through to new finish plaster/stucco system.
- Reinforcing base coats of properly prepared Ecologic™ Plaster TOPCOAT™ Coarse (G) plaster/stucco.
- Wrapping corners to help reduce risk of plaster/stucco knock off.
- Backing for ornamental plaster applications.

**ACCEPTABLE SUBSTRATES:**

- Solid non-flexing surfaces such as secure old plaster, masonry, or drywall board.

**APPLICATION PROCEDURE*****1) Applying Mesh:***

When using non-adhesive Ecologic™ Brand Fiberglass Mesh Roll with Ecologic™ Plaster TAKCOAT™ *Platinum*, begin by applying an initial pass of approximately 1/8" of TAKCOAT™. Embed the Fiberglass Mesh into the TAKCOAT™ while still wet. Mesh may be applied horizontally, vertically, or contoured to a surface, but must be flat and free of wrinkles or creases. Immediately after embedding the mesh, apply another 1/8" pass of TAKCOAT™ wet-on-wet so that the mesh is completely covered.

Alternatively, the second layer of TAKCOAT™ may be applied the next day after the material has been allowed to fully dry (generally 12 to 18 hours or more). In either case, the mesh must be fully covered by the TAKCOAT™ so that no mesh remains visible.

When using adhesive rolls, Ecologic™ Brand Fiberglass Mesh Roll may be applied horizontally, vertically, or contoured to a surface directly without embedding, but must be flat and free of wrinkles or creases. After applying the mesh, apply 1/8"-1/4" pass of Ecologic™ Plaster TAKCOAT™ *Platinum*.

## **2) Applying Ecologic™ Plaster TOPCOAT™:**

After ensuring that the previously applied TAKCOAT™ is completely dry (generally 12-18 hours or more after installation), apply Ecologic™ Plaster TOPCOAT™ in any finish gradation--Coarse (G), Fine (F), or Extra Fine (XF) Interior or Exterior--according to the instructions of the selected product. May also be used with Saint-Astier® Lithomex® when creating faux stone or brick walls.

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