TECHNICAL DATA SHEET

SuperiorFabric

DESCRIPTION

A non-woven, reinforced polyester fabric for use with Master Wall Rollershield fluid-applied air/water-resistive barrier coatings. Designed for reinforcing and detailing static sheathing joints, rough openings, corners, penetrations, and other transitions in vertical, above-grade wall assemblies.

USES

SuperiorFabric is designed for reinforcing static sheathing joints up to 1/4 in. (6 mm) wide; reinforcing and flashing rough openings, including window and door openings; detailing inside and outside corners; and detailing transitions between the AWRB and drainage accessories.

FEATURES & BENEFITS

- Available in a variety of widths to accommodate various detailing applications
- Flexible for easy detailing of inside and outside corners
- Easy to handle, cut, and embed for efficient installation

SURFACE PREPARATION

Substrates must be frost free, smooth, clean, dry, structurally sound, and free of loose material, coatings, damage, efflorescence, oil, form release agents, curing compounds, dirt, and other bond-inhibiting materials. Verify substrate is flat, free of fins or planar irregularities greater than 1/4 inch in 10 ft.. Surface irregularities and imperfections that could adversely affect the continuous application of the air/water-resistive barrier must be corrected prior to application.

- Sheathing must be installed in accordance with applicable building codes and the sheathing manufacturer's published installation requirements. Damaged sheathing, including areas with missing or damaged glass-mat facer, must be removed and replaced before installation.
- Properly flash, wrap, and seal wall terminations, roof-to-wall intersections, transitions between dissimilar materials, and penetrations and openings such as windows, doors, and HVAC components, in accordance with Master Wall Rollershield Details and applicable building codes.

APPLICATION

Sheathing Joints – 4" fabric recommended
Prior to full application of Rollershield air/water-resistive barrier, treat all sheathing joints, inside and outside corners, and knot holes or check cracks in plywood or OSB. Apply Rollershield over these areas at a minimum thickness of 15 wet mils using an airless sprayer or 3/4 in. (19 mm) nap roller. While the coating is wet, center SuperiorFabric over the joint with approximately equal coverage on each side. Embed the fabric into the wet coating, smoothing out wrinkles and ensuring full contact with the substrate.

Apply additional Rollershield as necessary to fully saturate and encapsulate the fabric. At intersections and fabric terminations, overlap adjoining pieces a minimum of 2 in. (51 mm).

When applying Rollershield by roller, allow the treated areas to dry to the touch, typically 2-3 hours, before proceeding with the full application. When spray-applied, the subsequent application may proceed while the treated areas remain wet.

Refer to published Rollershield details for additional application requirements.

PACKAGING
- 4"x180' (10cm x 54m) – 18 per case
- 6"x180' (15cm x 54m) – 12 per case
- 9"x180' (23cm x 54m) – 12 per case

COVERAGE
4", 6" and 9" - 180 LF per roll

SHELF LIFE
2 years from date of manufacture when properly stored in unopened factory packaging.

STORAGE
Store materials in a dry location, elevated off the ground and protected from direct sunlight.

APPLICATION TEMPERATURES
For surface or ambient temperatures below 40°F (4°C), refer to the applicable Rollershield Technical Data Sheet for application requirements.

ACCEPTABLE SUBSTRATES*
- ASTM C1177 Glass Mat Gypsum
- ASTM C1325 Type A Exterior Cement Board
- Exposure 1 or Exterior Plywood and OSB
- Concrete & Portland Cement Plaster
- Sound uncoated CMU and Brick

*Follow surface preparation requirements.

EXPOSURE
May be exposed to weather for up to 6 months (180 days) before installation of the specified wall cladding.

WEATHER PROTECTION
Protect surfaces from rain, moisture, freezing temperatures, water exposure, and other damaging conditions during application and curing.

Rough Openings – 6” (2 x 4) and 9” (2 x 6) fabric is recommended
Cut SuperiorFabric to the required dimensions. Apply Rollershield to the rough opening and extend the coating onto the adjacent wall substrate. While the coating is wet, embed SuperiorFabric and smooth it into place to achieve full contact and saturation. Apply additional Rollershield as needed to fully encapsulate the fabric and provide a continuous membrane free of visible voids and pinholes. Extend SuperiorFabric a minimum of 2 in. (51 mm) onto the exterior wall surface and a minimum of 1 in. beyond the primary air/water seal of the window.

Treat all corners with SuperiorFabric. At exterior corner intersections, install a “butterfly” piece of SuperiorFabric to fully reinforce and cover adjoining joints. Refer to published Rollershield details for additional application requirements.

LIMITATIONS

1. Not suitable for application to punched studs. Treat punched studs at rough openings with SuperiorSeal Flashing Membrane.
2. Suitable for reinforcing static joints up to 1/4 in. (6 mm) wide.
3. Not for use in below-grade applications or areas subject to prolonged water immersion.
4. Pressure treated or fire-retardant treated plywood must be dry and free of contaminants or other materials that may inhibit adhesion.
5. Limit weather exposure to 6 months (180 days) before installation of the specified wall cladding.
6. Do not apply when substrate or ambient temperatures are below 25°F (-3.8°C), or when temperatures are expected to fall below 25°F (-3.8°C) during application or drying.

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