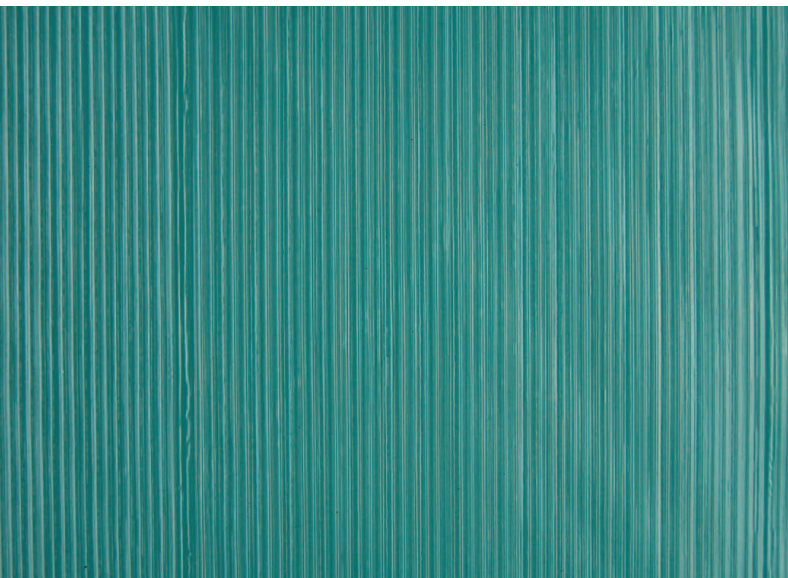




GFG16



Product Description

Basic Use: GFG16 is a horizontal and vertical protection course for HydroGel and TurboSeal polymer rubber gel post-applied waterproofing systems. Using EPRO's composite waterproofing design concept, GFG16 enhances HydroGel and TurboSeal system assemblies by adding a durable high density polyethylene (HDPE) ridged membrane with taped seams to increase chemical resistance, waterproofing performance, and overall system robustness. Used as a key component in vertical waterproofing systems, GFG16 protects coated surfaces and allows for immediate QA/QC.

Composition: GFG16 is a 16 mil (0.41 mm) cross-laminated HDPE membrane with integrated traction ridges.

While GFG16 is installed as a component of EPRO's HydroGel and TurboSeal assemblies, it alone exceeds all Class A, B, and C vapor barrier requirements.

Benefits

- Excellent chemical resistance.
- Large roll size significantly minimizes seams.
- High puncture resistance protects waterproofing from damage.
- Extremely low industry leading impermeability to water vapor when installed as part of the composite system.

Limitations

- Seams must be sealed.
- Do not use flame or direct heat to dry membrane.
- Weighted rollers may be required in freezing temperatures.
- Sheet must be pressed into gel layer for a complete mechanical bond.

Technical Data

Properties: See physical properties table

Coverages: One roll covers 1800 square feet (167.23 square meters), not including overlaps or waste

Specification Writer: Contact EPRO before writing specifications on this product. HydroGel and TurboSeal system assemblies should be reviewed in order to meet project specific site conditions.

Installation

Preparation: Please refer to manufacturer's specifications for substrate requirements. Rolls should be inspected for surface damage prior to application.

Application: Please refer to manufacturer's specifications.

Sheet - Place GFG16 over HydroGel or TurboSeal coated surface and embed into gel with firm hand pressure or deck broom.

Seams - Adhere seams by applying a 2" (5 cm) layer of polymer rubber gel on bottom sheet edge, overlap top sheet a minimum of 6" (15 cm), and then tape centered along the seam with DuroTape.

Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators (www.eproinc.com).

Roll Size: 12' x 150' (3.66 x 45.72 m) unfolded rolls, 137 lbs (62.14 kgs)

Warranty

Limited Warranty: EPRO Services, Inc. believes to the best of its knowledge that performance tables are accurate and reliable. EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO's liability shall be limited in all events to supplying sufficient product to retreat the specific areas to which defective product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors.

Equipment

- Application: Deck broom, weighted sheet roller, box cutter, knife
- Seaming: 4" Hand Roller

Technical Services and Information

Complete technical services and information are available by contacting EPRO at 800.882.1896 or www.eproinc.com.

This product is also known as e.base 316.

This product was previously supplied by Kingfield Construction Products under the same name.



GFG16

Typical Physical Properties

Physical Property	Test Method	Value
Film Material.....		HDPE
Film Color.....		Green
Film Thickness.....		16 Mil
Classification	ASTM E 1745	Exceeds Class A, B, and C
Water Vapor Permeance	ASTM E 96	0.007 perms
Tensile Strength	ASTM E 154-93 (ASTM D 882)	83.75 lbf/in
Puncture Resistance	ASTM D 1709.....	3,960 grams
Coefficients of Friction	ASTM D 1894.....	0.6
Methane Permeance	ASTM D 1434.....	90.59 cm ³ / (m ² . Atm. Day)
Radon Diffusion Coefficient	K124/02/95.....	2.4 ⁽⁻¹¹⁾ m ² /S
Life Expectancy	ASTM E 154	Indefinite
Chemical Resistance	ASTM E 154	Unaffected

Dimensions: 12' x 150' (3.66 x 45.72 m)

Weight: 137 lbs (62.14 kgs)