



GFG20X



Product Description

Basic Use: GFG20X is a superior horizontal protection course option for HydroGel and TurboSeal polymer rubber gel post-applied waterproofing systems. Using EPRO's composite waterproofing design concept, GFG20X enhances HydroGel and TurboSeal system assemblies by adding a durable high density polyethylene (HDPE) ridged membrane with taped seams to increase chemical resistance, waterproofing capabilities, and overall system robustness. Used as a key component in horizontal podium deck systems, GFG20X protects coated surfaces and allows for immediate QA/QC.

Composition: GFG20X is a 16 mil (0.41 mm) cross-laminated HDPE sheet with integrated traction ridges bonded to a 4.7 oz (160 gsm) geotextile.

While GFG20X 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.
- High puncture resistance protects waterproofing from damage.
- Extremely low industry leading impermeability to water vapor when installed as part of the composite system.
- Embeds geotextile reinforcement into polymer rubber gel layer.

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 900 square feet (83.62 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 GFG20X over HydroGel or TurboSeal coated surface and embed into gel with deck broom or weighted roller.
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: 6' x 150' (1.83 x 45.7 m) unfolded rolls, 94 lbs (42.64 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 was previously supplied by Kingfield Construction Products under the same name.



GFG20X

Typical Physical Properties

Physical Property	Test Method	Value
Film Material.....		HDPE
Film Color.....		Green
Geotextile Color.....		Black
Geotextile Weight.....		4.7 oz (160 gsm)
Membrane Thickness.....		31 Mil
Classification.....	ASTM E 1745.....	Exceeds Class A, B, and C
Water Vapor Permeance.....	ASTM E 96.....	0.007 perms
Tensile Strength.....	ASTM D 882.....	136 lbf/in
Puncture Resistance.....	ASTM D 1709.....	5,210 grams
Peel Adhesion to Concrete.....	ASTM E 903.....	8 lbs/in
Coefficient of Friction.....	ASTM D 1894.....	0.6
Elmendorf Tear.....	ASTM D 1922.....	9,500 gram
Puncture-Propagation Tear.....	ASTM D 2582.....	20,000 gram
Life Expectancy.....	ASTM E 154.....	Indefinite
Chemical Resistance.....	ASTM E 154.....	Unaffected

Dimensions: 6' x 150' (1.83 x 45.72 m)

Weight: 94 lbs (42.64 kgs)