

KINGFIELD CONSTRUCTION PRODUCTS



DUROTAPE™

Elastomeric Polymer Seaming Tape

Kingfield Gel-Flex Composite Waterproofing Systems

Chemically resistant polymer adhesive Seaming Tape
Seaming Tape for GFG20X and GFG4 sheet membranes

ADVANTAGES

Durotape is a 35 mil, VOC free, cold applied coating designed to provide protection against water intrusion and soil contaminants on below grade substrates.

Durotape, combined with strong, flexible film backing, provides a protective coating with cohesive strength and durability that conforms well to irregular shapes.

Durotape has the ability to remain flexible while maintaining a water-tight seam. It is chemically resistant and is exceptionally adhesive.

Durotape has an integrated primer in the adhesive, which allows for faster application at temperatures above 40°F on clean, dry substrates.

ADVANTAGES

100% solids

Maintains volume to ensure a watertight bond.

Maintains excellent adhesion

Primer is unnecessary for fast and easy application.

Maintains flexibility

800% elongation dynamically responds to movement, thermal expansion, and contraction to maintain a watertight bond.

Easy workability

Applies and adheres in cold temperatures. Trims cleanly.

Superior chemical resistance

Resistant to hydrocarbon and soil contaminants, Durotape retains its physical properties in the harshest environments ensuring long term effectiveness.

*Contact Kingfield for temperatures below 40°F to determine whether a primer is required.

DUROTAPE	CHARACTERISTICS	DUROTAPE PROPERTIES	RESULTS	TESTING METHOD
Appearance	Green backing - Grey adhesive - Clear liner	Total Thickness	35 mils	ASTM D1000
Roll Dimensions	4 inches x 50 feet	Backing Thickness	7 mils	ASTM D1000
Weight	4.66 lb/roll	Adhesive Thickness	28 mils	ASTM D1000
Solids Content	100%	Tensile Strength	14 lb/in	ASTM D1000
Service Temperature Range	-20°F to +125°F	Elongation	800%	ASTM D1000
Leachable Chlorides	None	Impact Resistance	20 in lb (double wrap)	ASTM G14
		Water Vapor Transmission Rate	<0.005 g/(24h*100 in²)	ASTM E96 Method B
		Water Absorption	<0.5%	ASTM D570

APPLICATIONS

- Durotape is used to seam the Hydrogel Gel-Flex and Turbo-Seal Gel-Flex waterproofing sheet membranes GFG16 and GFG20.
- The flexible backing makes it a good coating for hand wrapping. Appropriate for coating and reconditioning small to moderate diameter pipe, bends, tees, and metal structures, as a single component coating below grade.
- Always ensure that the surface of the sheet membrane is clean and dry before installation of Durotape.

SEAMING INSTRUCTIONS — SHEET WATERPROOFING MEMBRANE

- Overlap membrane by a minimum 2 inches. Install tape onto seam by removing release liner and using roller to firmly press tape onto seam.

DETAILING INSTRUCTIONS — SHEET WATERPROOFING MEMBRANE

- Apply tape over the surface of the seam on both the horizontal and vertical sections of the detail reinforcement sheet. Install Durotape 2 inches from the edge of each horizontal edge, wrapping tape around all extrusions and corners to ensure a tight sandwich bond of the membrane and substrate.

STORAGE

- Keep in Dry Storage out of direct heat and sunlight.
- Store between 50-80 degrees Fahrenheit.

HEALTH AND SAFETY

Consult the MSDS

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