



## DUROTAPE

HDPE-BACKED ELASTOMERIC POLYMER SEAMING TAPE

### KINGFIELD WATERPROOFING & VAPOR BARRIER ACCESSORIES

### CHEMICALLY RESISTANT POLYMER ADHESIVE SEAMING & TERMINATION TAPE

#### KEY FEATURES

- 35 mil, VOC free, cold applied tape designed to provide protection against water intrusion and soil contaminants through membrane seams.
- **Strong, flexible HDPE film backing, provides a protective coating with cohesive strength and durability that conforms well to irregular substrates.**
- Ability to remain flexible while maintaining a watertight seam at low and high temperatures.
- **It is chemically resistant and exceptionally adhesive.**
- Integrated primer in the adhesive, which allows for faster application at temperatures above 40°F on clean, dry substrates.\*

\*Contact Kingfield for temperatures below 40°F concerning primer.

#### ADVANTAGES

100% Solids	Maintains volume to ensure a gas and watertight bond
Excellent Adhesion	Adheres -20°F – +125°F in dry conditions.
Maintains Flexibility	800% elongation dynamically responds to membrane movement, thermal expansion, and contraction to maintain a gas and watertight bond.
Easy Workability	Designed for easy field application.
Superior Chemical Resistance	Resistant to hydrocarbon and soil contaminants. Durotape maintains its physical properties ensuring long-term effectiveness in harsh environments

DUROTAPE	CHARACTERISTICS	DUROTAPE PROPERTIES	RESULTS	TEST METHOD
Appearance	Greenbacking-Greyadhesive-Clearliner	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	20inlb(doublewrap)	ASTM G14
		Water Vapor Transmission Rate	<0.005g/(24h*100in <sup>2</sup> )	ASTME96 MethodB
		Water Absorption	<0.5%	ASTM D570

#### APPLICATIONS

- Durotape is used to seam the Hydrogel Gel-Flex and Turbo-Seal Gel-Flex waterproofing systems, as well as the GFG Series vapor barrier membranes.
- 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 tape 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 seam by two (2) inches. Install tape centered over seam by removing release liner and using roller to firmly press tape onto seam. Endlap onto tape a minimum of two (2) inches.

#### 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 two (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 SDS

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