

BITUTHENE[®] Edgeguard Tape

Specially formulated, solvent resistant overbanding tape for BITUTHENE[®] applications in chemically contaminated ground

Product Description

Bituthene[®] Edgeguard Tape is a specially formulated tape designed for applications where resistance to hydrocarbon contaminated soil is required.

Bituthene[®] Edgeguard Tape is constructed of a 2 mil (0.05 mm) polyester film with a pressure sensitive, solvent resistant acrylic adhesive. The adhesive bond increases with age.

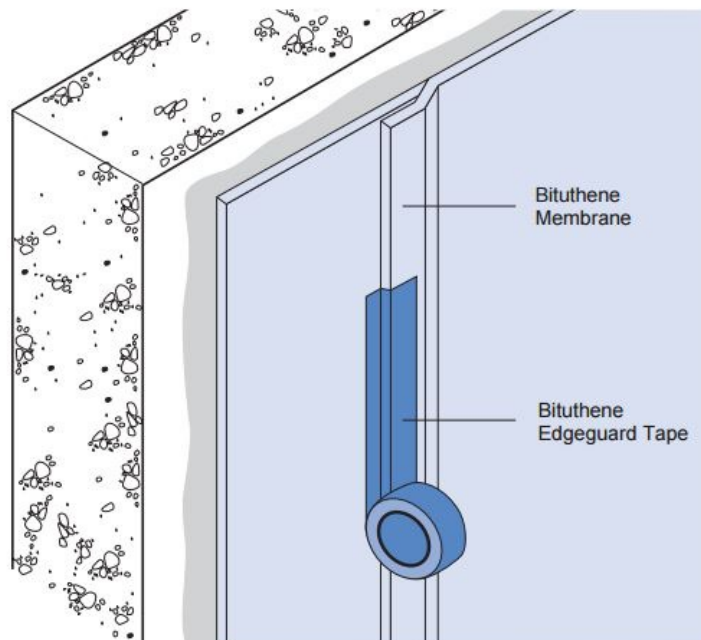


Figure of Bituthene Edgeguard Tape Application.

Drawings are for illustration purposes only. Please refer to gcpat.com for specific application details.

Uses

Bituthene[®] Edgeguard Tape is recommended for use over Bituthene[®] Membrane edges to protect the adhesive from prolonged exposure to hydrocarbon contaminated soil.

For guidelines on the use of Bituthene[®] Membranes in contaminated ground, please refer to Technical Letter 4, available at gcpat.com or contact GCP Technical Service.

Advantages

- **Solvent resistant**—protects Bituthene® compound from prolonged exposure to organic or fuel oils and solvents in the ground
- **System compatibility**—engineered specifically for use with Bituthene membranes
- **Self-adhered**—easy to use; adhesive bond increases with age

Application

On vertical and horizontal applications, place a continuous strip of tape centred on all membrane sides and end lap edges. Membrane surface must be clean and dry. In cooler temperatures, gently heat tape to enhance adhesion characteristics. Roll tape application with hand roller to maximise adhesion. Inspect application thoroughly, patch fishmouths with additional strips of tape as necessary to provide a tight seal.

Solvent Resistance Performance Test

Bituthene® Edgeguard Tape is applied to an aluminum substrate 72 hours prior to a 72 hour immersion in the following environments: distilled water, lubricating oil, hydraulic oil, motor oil, diesel fuel, paraffin and white spirits. In all of the above environments the adhesion is 3 lbs/in. (53 N/100 mm).

Safety, Storage and Handling Information

Bituthene® products must be handled properly. Vapours from solvent-based primers and mastic are harmful and flammable. For these products, the best available information on safe handling, storage, personal protection, health and environmental considerations has been gathered. Safety Data Sheets (SDSs) are available at gcpat.com and users should acquaint themselves with this information. Carefully read detailed precaution statements on product labels and the SDS before use.

Supply

BITUTHENE® EDGEGUARD TAPE PROPERTY	VALUE
Roll size	50 mm x 66 m (2 in. x 216 ft)
Packaging	24 rolls/carton
Weight	8 kg (16 lbs)/carton
Coverage	1 roll per 3 rolls of Bituthene® membrane

Equipment by others: Utility knife, hand roller

Physical Properties

PROPERTY	TYPICAL VALUE	TEST METHOD
Thickness	0.002 in. (0.05 mm) nominal	ASTM D3652
Tensile strength	20 lbs/in. (350 N/100 mm) minimum	ASTM D3759
Elongation at break	70% minimum	ASTM D3759
Adhesion to steel	48 oz/in. (53 N/100 mm) minimum	ASTM D3300
Puncture resistance	50 lbs (222 N) minimum	ASTM E154

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