

DENSO GLASS OUTERWRAP

Protective Fiberglass Outerwrap

Description

Denso Glass Outerwrap is a fiberglass cloth impregnated with a water activated resin that is used as a protective outer wrap over Denso Petrolatum Tape.

Uses

A protective coating which offers exceptional mechanical and impact strength for underwater, underground, and above ground pipe and piles.

Features

- Resists cold and hot temperatures
- Easy to apply, no mixing or messy clean up
- Resistant to water, acid, salts, or soil organics
- Can be applied underwater or to wet surfaces
- Minimal surface preparation required
- Quick, long term protective coating, ready for immediate service
- Contains no solvents
- Can be top coated for aesthetics
- CSA Z245.30 component

Application

Prepare surfaces by removing all loose scale, rust or other foreign matter in accordance to SSPC SP2 "Hand Tool Cleaning" or SP3 "Power Tool Cleaning". High pressure water wash of 3,000 - 7,000 psi (20.68-48.26 MPa) is also suitable. Spirally wrap a layer of Denso Petrolatum Tape with a minimum 1" (25 mm) overlap. For severely corrosive environments, a 55% overlap is recommended. While wrapping, press air pockets out and smooth all lap seams. Using rubber gloves, remove the Denso Glass Outerwrap from the hermetically sealed foiled pouch and soak in temperate water (salt or fresh) for 20 to 30 seconds. Remove and begin wrapping tightly, overlapping a recommended 50%.

Irregular surfaces such as valves, flanges, etc. may require the use of Densyl Mastic or Denso Profiling Mastic. Refer to the product sheets for these specific products for information on application and selection.



Denso Glass Outerwrap

PROPERTY SPECIFICATIONS

PROPERTIES	ENGLISH	METRIC
Thickness	11 mils avg.	0.28 mm
Flexural Strength (ASTM D790)	26,100 psi	183,501 Kgs/mm ²
Tensile Strength (ASTM D638)	36,000 psi	253,105 Kgs/mm ²
Compression Strength (ASTM D695-77)	26,600 psi	187,024 Kgs/mm ²
Dielectric Strength (ASTM D149)	16,000 volts	16,000 volts
Impact Resistance (ASTM G14/ G62)	123 ft. lb.	167 Joules
Maximum Service Temperature	250°F	121°C
Setting Time		
@ 70°F (21°C)	30 minutes	30 minutes
@ 90°F (32°C)	15 minutes	15 minutes

Quantity Estimates

Tape Width	Roll Length	Rolls*/ Case	Coverage with 50% Overlap
in.	ea.	ea.	ea.
3" (75 mm)	9' (2.7 m)	15	17 ft ² /case (1.6 m ² /case)
4" (100 mm)	30' (9 m)	5	25 ft ² /case (2.3 m ² /case)
8" (200 mm)	40' (12 m)	3	40 ft ² /case (3.7 m ² /case)

*Other widths and lengths available upon special request.

SHELF LIFE: 24 months



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