

Denso Glass Outerwrap UV

UV Protection Fibreglass Outerwrap

Composition

Denso Glass Outerwrap UV is a fibreglass cloth impregnated with a water activated aliphatic polyurethane resin.

Uses

Denso Glass Outerwrap UV is used as an outer wrap over Denso Petrolatum tapes. It offers exceptional mechanical and impact strength for underwater, underground, and above ground pipe and piles. The aliphatic polyurethane resin provides UV stability of the outerwrap.

Service Temperature: +121°C

Characteristics

Denso Glass Outerwrap UV:

- is easy to apply with no mixing or messy clean-up,
- can be applied underwater or to wet surfaces,
- resists water, acid, salts, or soil organics,
- contains no solvents,
- resists hot and cold temperatures,
- provides a quick, long term protective coating,
- is ready for immediate service,
- can be top coated for aesthetics, and
- UV resistant

Surface preparation

See *Instructions for Use* for additional detail.

Surfaces must be clean and dry. Remove all loose rust, scale and flaking coatings by scraping, wire brushing or blast cleaning. High-pressure water blasting may also be used.

Application

See *Instructions for Use* for additional detail.

Spirally wrap a layer of Denso Petrolatum Tape with a recommended 55% overlap. While wrapping, press air pockets out and smooth all lap seams.

Using rubber gloves, remove the Denso Glass Outerwrap UV from the hermetically sealed foiled pouch and soak in temperate water (salt or fresh) for 20 to 30 seconds. Remove from the water 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.

A final temporary double layer of Denso Clear Outerwrap shall be immediately applied over the uncured Denso Glass Outerwrap UV. This allows all seams of the Denso Glass Outerwrap UV to lay out more smoothly and provide a tighter cured seal. The Denso Clear Outerwrap should be removed after approx. 1 to 2 hours depending on temperature.

Availability

Tape width	Roll length	Rolls/carton	Approx. coverage*
75 mm	2.7 m	15	1.6 m ² /case
100 mm	9.0 m	5	2.3 m ² /case
200 mm	12.0 m	3	3.7 m ² /case

*based on 50% overlap (m² per carton)

Additional sizes may be available on request

Storage conditions

Store in a cool dry place, sealed in original packaging @ 5°C to 32°C. Do not store in direct sunlight. Shelf life is 6 months when stored in original packaging.

Health & Safety

Refer to SDS before use. Always refer to project specifications as they may supersede Denso specifications.

Waste material

Empty containers or liners may retain some product residue and hence be potentially hazardous. Please ensure all waste Denso Glass Outerwrap UV is fully cured prior to disposal.

Please avoid or minimise waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

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Typical Properties

Colour	Grey, Black or Brown	Visual
Thickness	0.28 mm	
Flexural Strength	111 N/mm ²	ASTM D790-71
Tensile Strength	171 N/mm ²	ASTM D638
Compression Strength	183 N/mm ²	ASTM D695-77
Dielectric Strength	16 kV	
Setting time		
<i>At 10°C</i>	16 hours	
<i>at 21°C</i>	8 hours	
<i>at 32°C</i>	4 hour	
Shelf life	6 months	

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