

Premier Glass Outerwrap UV

UV Protection Fibreglass Outerwrap

Composition

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

Uses

Premier Glass Outerwrap UV is used as an outer wrap over Premier 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

Premier 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 Premier Petrolatum Tape with a recommended 55% overlap. While wrapping, press air pockets out and smooth all lap seams.

Using rubber gloves, remove the Premier 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 Premier Moulding Compound or Premtape LD Mastic. Refer to the product sheets for these specific products for information on application and selection.

A final temporary double layer of Premier Clear Outerwrap shall be immediately applied over the uncured Premier Glass Outerwrap UV. This allows all seams of the Premier Glass Outerwrap UV to lay out more smoothly and provide a tighter cured seal. The Premier 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 Premier specifications.

Waste material

Empty containers or liners may retain some product residue and hence be potentially hazardous. Please ensure all waste Premier 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	

Important: Premier Coatings Ltd. pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Premier Coatings Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. Q09303) and an Environmental Management System registered to BS EN ISO 14001 (BSI Certificate no. EMS 677780).

Page 2 of 2

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