

PREMCOTE FB 30 TAPE

Butyl Rubber With Fabric Backing

Description

Premcote FB 30 Tape is a butyl rubber adhesive tape with a polyester fabric backing. The tape can be top coated with Protal Liquid Coatings.

Uses

Used as an outer coating to Premier Petrolatum Tapes or applied directly to steel surfaces. The tape is used in conjunction with the Premier Tank Base Protection System.

Features

- Excellent adhesion
- Aggressive Grip
- Good conformability and consistent uniform thickness
- Easily applied with no special equipment
- Compatible with most coatings
- Cold applied
- Stays Flexible
- Easy and fast application
- Fabric backing allows for top coating

Application

For Direct to Steel: Prepare surfaces by removing all loose scale, rust or other foreign matter by grit blasting or wire brush. Surface must be clean, dry and free of grease. Apply thin film of Premcote P27 Primer to all surfaces to be wrapped and allow to dry. Peel back interleaving and apply adhesive side of the tape to the surface and press down. Apply the tape spirally with enough tension to make it conform. Remove interleaving as wrapping proceeds. Overlap each turn by at least 1" (25 mm) or 55% to achieve double thickness.

For Tank Base Protection System: Apply first layer of Premcote FB 30 Tape starting at a minimum of ½" (12.5 mm) below the Prembond Hi-Tack Tape. The tape shall be adhered to the concrete base and proceed circumferentially around the concrete and tank base. The next layer shall be applied with a minimum of a 1" (25 mm) overlap onto the first layer of Premcote FB 30 Tape. The second layer shall be applied on the tank base proceeding up the tank wall with a minimum ½" (12.5 mm) above the Prembond Hi-Tack Tape to adhere to the steel tank wall. The third layer maybe required if the second layer does no adhere directly to the tank wall.



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Property Specifications

PROPERTIES	ENGLISH	METRIC
Adhesive	Modified Butyl	Modified Butyl
Backing	Polyester	Polyester
Tensile Strength	790 PSI avg.	5.45 MPa
Elongation at Break (ASTM D1000)	560% avg.	560% avg.
Dielectrical Strength (ASTM D1000)	20 kV	20 kV
Water Vapor Transmission (ASTM E398)	< 0.2 g/100 in ² /24 hour	< 0.2 g/64520 mm ² /24 hour
Bonding Time	Immediate	Immediate
Resistance to Hydrocarbons	Good	Good
Peel Strength	17 lbs per linear inch	76 N
Resistance to Acids, Alkalis and Salts	Excellent	Excellent
Temperature Range		
For Application	35°F to 115°F	2°C to 46°C
For Continuous Service	0°F to 140°F	-17.78°C to 60°C
Dimensions		
Roll Length	50 feet	15.24 m
Width	2", 4", 6"	50 m, 100 m, 150
Thickness (ASTM D1000)	25 mils	635 microns
Color		White

Quantity Estimates

Tape Width	Rolls*/Case	Coverage with 1" Overlap	Coverage with 50% Overlap
in.	ea.	ea.	ea.
2"	24	100 ft ² /case (9.3 m ² /case)	100 ft ² /case (9.3 m ² /case)
4"	12	150 ft ² /case (14 m ² /case)	100 ft ² /case (9.3 m ² /case)
6"	8	167 ft ² /case (15.5 m ² /case)	100 ft ² /case (9.3 m ² /case)



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