

PREMBOND HI-TACK TAPE

High Adhesive Petrolatum Tape

Description

Prembond Hi-Tack Tape is composed of a non-woven synthetic fabric impregnated and coated with an adhesive compound based on petrolatum, polymers and inert siliceous fillers. A specially developed tape to protect irregular surfaces or where additional adhesion is required. Adhesion qualities are higher compared to other Premier Petrolatum Tapes.

Uses

- Above-ground structural steel

Features

- Meets NACE RP0375
- Applied to marginally prepared surfaces (SSPC SP 2-3)
- High conformability with strong adhesion
- UV resistant
- Encapsulation of lead paint
- Can reduce or eliminate plant shut-down for maintenance
- Long term cost effective corrosion protection
- Instant and uniform protection given irrespective of the profile
- Resistant to acids, alkalis, salts, etc.
- Elimination of failure due to intercoat contamination
- Years of proven effectiveness

Surface Prep

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.

Application

Apply a thin film of Prembond Hi-Tack Primer to serve as a primer. Do not overlap on the underside of horizontal surfaces. Do not attempt to work with lengths greater than 6 feet (1.8 m). Where possible, overlap from bottom upward to create a "shingle" type overlap. Press and smooth with special attention to overlap areas. Make sure tape is firmly pressed in all angles and corners and then along flat surfaces to prevent air pockets, bridging, or stretching. Goal is to ensure intimate contact between tape and surface. Rivets, nuts, bolts may be rounded with Premier Molding Compound, Prembond Mastic or the use of a second layer of Prembond Hi-Tack Tape for these areas only.



TECHNICAL DATA SHEET

Packaging

Tape Width	Rolls*/ Case	Coverage with 1" Overlap	Coverage with 55% Overlap
in.	ea.		
4" (100 mm)	18	145 ft ² /case (13.47 m ²)	87 ft ² /case (8.08 m ²)
6" (150 mm)	12	162 ft ² /case (15.05 m ²)	87 ft ² /case (8.08 m ²)
8" (200 mm)	8	150 ft ² /case (13.94 m ²)	77 ft ² /case (7.15 m ²)
12" (300 mm)	6	177 ft ² /case (16.44 m ²)	87 ft ² /case (8.08 m ²)

*All rolls are 33 feet (10 m) in length.

Tech Data

Properties	Imperial	Metric
Thickness (ASTM D1000)	46 mils	1.15 mm
Weight	0.295 lbs/ft ² .	1.44 kg/m ²
Breaking Strength (ASTM 1000)	22.5 lbf/in.	200 N/50 mm min.
Water Vapor Transmission		
(ASTM E96 - 66 Procedure A)	0.006 perms avg.	0.006 perms avg.
Elongation @ Break (ASTM D1000)	6% avg.	6% avg.
Breakdown Voltage (55% overlap)	16 kV min.	16 kV min.
Resistance to Cathodic Disbonding		
(ASTM G-8 - 30 days)	.47 in ² avg.	300 mm ²
Resistance to Acids, Alkalies and Salts	Excellent	Excellent
Maximum Service Temperature	149°F	65°C
Roll Widths	4" to 12"	100 to 300 mm
Roll Length	33 ft	10 m
Recommended Primer	Prembond Hi-Tack Primer	



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