

PREMBOND MASTIC

Petrolatum Molding Mastic

Description

Prembond Mastic is a cold applied self-supporting molding mastic. It is a petrolatum compound containing beads of closed cell cellular polymer and flow control additives.

Uses

The mastic is used to provide a smooth profile on irregular shaped fittings such as flanged joints and valves. It is applied prior to the tape application and generally used in conjunction with primer, Premier Petrolatum Tapes or Premier Bituminous Tapes.

Features

- Easy application from arctic to tropical temperatures
- Excellent molding and sealing properties
- No VOCs
- Will adhere to metal, PVC, polyethylene and concrete
- Not effected by water, acids and salts
- Non-hardening in cold weather
- Minimal surface preparation (SSPC SP 2-3)
- Meets AWWA C217 Standard.
- 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. Apply a thin film of appropriate primer to the surface. Then, by hand application, mold the mastic to a rounded configuration to fill irregular shapes and reduce sharp edged surfaces.



Prembond Mastic

Property Specifications

PROPERTIES	PROFILING MASTIC		PROFILING MASTIC HT	
	ENGLISH	METRIC	ENGLISH	METRIC
Specific Gravity	0.605	0.605	0.74	0.74
Solids Content	100%	100%	100%	100%
SAG Temperature	185°F	85°C	185°F	85°C
Flash Point	365°F	185°C	356°F	180°C
Specific Volume	45.9 in ³ /lb	1653 cc/kg	37.4 in ³ /lb	1350 cc/kg
Maximum Service Temperature	140°F	60°C	167°F	75°C

Quantity Estimates

Pipe Diameter		Flanged Joint		Flanged Valve & Dresser Coupling	
in.	mm	lbs	kg	lbs	kg
4	100	3.25	1.47	9.75	4.42
6	150	4.25	1.93	12.75	5.78
8	200	5.5	2.49	16.5	7.48
10	250	7	3.18	21	9.53
12	300	8.5	3.86	25.5	11.57
14	350	9.5	4.31	28.5	12.93
16	400	10.5	4.76	31.5	14.29
18	450	12	5.44	36	16.33
20	500	13	5.9	39	17.69
24	600	16	7.26	48	21.77
30	750	19	8.62	57	25.86

PACKAGING:

6 each 4 lb blocks = 24 lbs per case

(6 each 1.75 kg blocks = 10.5 kg per case)

Block dimensions: 1.5" x 7" x 14" (3.8 cm x 17.8 cm x 35.6 cm)



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