

DENSO PROFILING MASTIC

Petrolatum Molding Mastic

Description

Denso Profiling 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, Denso Petrolatum Tapes or Denso 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)

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 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.



Denso Profiling 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"



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