DESCRIPTION
MEMBRACOAT® - 100 Seam Sealer is a water based elastomeric sealing compound.

RECOMMENDED USES
MEMBRACOAT® - 100 Seam Sealer is an elastic sealer for laps of roofing felts, nail heads and joints of insulation or metal decks. MEMBRACOAT® - 100 Seam Sealer is used prior to the application of MEMBRACOAT-250 or other SanyChem’s Membranes. MEMBRACOAT® - 100 Seam Sealer cures to a tough elastic sealant which effectively inhibits water penetration between laps, seams and nail holes of roofing systems.

TECHNICAL DATA
Finish: semi-gloss
Colour: White, Gray, Brick Red, Green
Density: 1.20 kg/l ± 0.05 depending on colour
Solids content: 70% by volume ± 3.0 depending on colour
Volume shrinkage (during drying): 22%
Viscosity: N / A
Recommended film thickness: 350 µm dry, equals 650 µm wet
Elongation: 300% minimum
Water Resistance: Excellent
Weather Resistance: Excellent
Substrates: Roofing felts, Metal Decks, Coated Insulation.

Drying times: at 24°C/50% r.h. at 10°C/60% r.h. at 30°C/50% r.h.
To touch: 1 hour 2 hours 30 minutes
To handle: 4 hours 8 hours 1 hour
To recoat: after 6 hours after 16 hours after 6 hours
Full hardness: 3 days 5 days 2 days
Flash Point: 120 °F (Pensky-Martens Closed Cup)

Heat resistance: 93°C (dry heat)

APPLICATION
Temperature of air and coating material between 10° and 35°C, substrate max. 50°C and relative humidity below 80%. The substrate temperature must be at least 5°C above dew point.

DIRECTIONS FOR USE
To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

SURFACE
Remove grease, oil and all other surface contaminations by alkaline or high pressure PREPARATION (steam) cleaning in combination with appropriate detergents. Surface must be dry and clean of all loose and foreign matter. For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1 : 1988), blast profile max. 50 µm. If blasting is not possible remove loose rust and loose coatings by scraping and/or wire brushing to St 3 (ISO 8501-1 : 1988). Zinc or aluminium corrosion can be removed with SanySurface AC Cleaner Etching Solution followed by rinsing with plenty of fresh water, or by brush-off blasting. Remove deteriorated coatings by scraping and wire brushing. The surface must be clean and may be slightly damp during application.

SHELF-LIFE
12 months from date of production in unopened cans, if stored in dry, well ventilated areas, STORAGE not in direct sunlight at temperatures between 5° and 35°C.
PRODUCT DATA

UNIVERSAL

MembraCoat-100 Seam Sealer

COVERAGE

The theoretical lineal feet of MEMBRACOAT® - 100 Seam Sealer at various bead diameter may be obtained from the following table:

<table>
<thead>
<tr>
<th>Diameter of Bead</th>
<th>Theoretical Lineal Feet per Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>¼”</td>
<td>392 Feet</td>
</tr>
<tr>
<td>3/8”</td>
<td>174 Feet</td>
</tr>
<tr>
<td>½”</td>
<td>98 Feet</td>
</tr>
</tbody>
</table>

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application. Material losses during the application will vary and must be taken into consideration when estimating job requirements.

APPLICATION

MEMBRACOAT® - 100 Seam Sealer is applied with a putty knife, Air-operated caulking gun or hand operated caulking gun. Do not apply at temperature below 40°F. Apply a ⅛” bead overlap, seam or nail hole, work MEMBRACOAT® - 100 Seam Sealer into surface by flattening bead to approximately 1/16” – 1/8” thickness with a putty knife.

APPLICATION EQUIPMENT

Other equipment may be more suitable for specific applications

Air Operated Caulking Gun

30:1 Graco Bull Dog or Equivalent

Graco 202-402, 204-355 or Equivalent

Caulking Gun

Pressure at Pump

Graco

80 Psi

Airline

3/8” I.D.

Material Line

3/8” I.D.

Tip Size

¼”

Clean-up: Clean tools with water before MEMBRACOAT® - 100 Seam Sealer has cured.

REMARKS

Maximum dry film thickness per coat: 500 µm dry, equals 900 µm wet. Very smooth surfaces need to be primed with MEMBRACOAT® - 100 Universal Seam Sealer, diluted 40% with water, in a dry film thickness of approximately 35 µm. Small cracks and holes should be repaired in combination with MEMBRACOAT® - Patch Reinforcement tissue. The inclination of the roof should be at least 5%. MEMBRACOAT® - 100 Universal Seam Sealer can be applied where no water vapour permeability is required. In mountain areas and on bituminous felt a minimum DFT of 400 µm (applied in two coats) is required.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

CONDITIONS

Keep from freezing. Must be stored at temperature above freezing.

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