



PRODUCT DATA

UNIVERSAL

MembraCoat-100 Seam Sealer

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.



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COVERAGE

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

Diameter of Bead	Theoretical Lineal Feet per Gallon
1/4"	392 Feet
3/8"	174 Feet
1/2"	98 Feet

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 1/4" 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

Airless Pump

Caulking Gun

Pressure at Pump

Airline

Material Line

Tip Size

30:1 Graco Bull Dog or Equivalent

Graco 202-402, 204-355 or Equivalent

80 Psi

3/4" I.D.

3/8" I.D.

1/4"

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 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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Form No: 250-00209

January 2001 replaces May 1999



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