

ROOFDX SUPER™

Urethane Waterproofing Coating



DESCRIPTION

ROOFDX SUPER is a single component urethane especially designed as a waterproofing membrane for all kinds of roofing. It cures to form a tough, elastic, waterproof seal and may be incorporated into roofing specifications that provide roof protection of 10 and 20 years. ROOFDX SUPER contains corrosion-inhibiting pigments and will protect metals against rust and acid rain.

OUTSTANDING FEATURES

- Extremely chemical resistant to oils, fats, acids, and other pollutants
- Saturates easily into reinforcing fabrics and coats evenly over irregular surfaces
- Remains flexible at low temperatures; will not flow at high temperatures
- Effective protection for all climatic extremes over long periods of time
- Exhibits good adhesion to asphalt or coal tar, BUR, Modified, zinc, copper, steel, lead, aluminum, tin, E.P.D.M., concrete, and asbestos cement
- Provides a high quality membrane without pinholes, fishmouths, blisters or imperfections that result in weakness

APPLICATION

Surfaces must be dry, free of dirt, loose debris, grease, oil, or any substance that could interfere with adhesion. Refer to Polaprime data sheet for information regarding selection of appropriate primer if necessary. Application over seams in metal roofs is achieved by embedding 4" or 6" wide Roofab into a fresh coat of ROOFDX SUPER applied at 15 mils wet thickness. The fabric is then saturated with a second application at sufficient thickness to remove all voids, fishmouths and dry spots. Bolt heads on metal roofs should be daubed with sufficient ROOFDX SUPER that they are encapsulated to the point of rundown. As soon as the ROOFDX SUPER has dried, it may be coated with Silver Film or other compatible topcoat.

Application over built-up or modified asphalt roofs requires good

preparation as described above. If gravel is present, this should be removed by wet-vac or scraped off and pressure washed. Buildkote or compatible flood coat should be installed to soften the profile of embedded gravel. If the surface is slicktop, capsheet, or re-saturated, this should be vacuumed, blown or pressure washed until clean and, if excessively porous, primed with Polaprime 2. Application of ROOFDX SUPER may proceed by embedding 40" Roofab into a fresh coat of ROOFDX SUPER applied 1½ gallons per roofing square (66 sq. ft. per gallon); the fabric should be smoothed out without stretching so that it conforms to the surface without voids, tents or dry spots. Begin at the lowest point of the roof and each roll saturated with an even coat of ROOFDX SUPER at 1½ gallons per roofing square (66 sq. ft. per gallon) as soon as the first coat has soaked up and no wrinkles remain.

SPECIFICATIONS	
Coating	Moisture-cure urethane
VOC	100 gms/liter
Pot Life	Single component
Shelf Life	12 months
Recommended Thickness	30 mils dry film thickness
Coverage	55 square feet per gallon
Packaging	5 gallon pails
Color	Black

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Enough material should be present at the overlap that saturation occurs completely without fish-mouths or dry spots. Continue application with laps facing downhill to shed water if work is interrupted by precipitation. Sudden precipitation will not wash ROOFDX SUPER off when wet or newly applied, but will produce a mottled, dull appearance that is not detrimental to overall performance. ROOFDX SUPER may be used as an adhesive at loose edges and will form all flashings and joints with the Roofab. Black surfaces, by their nature, will absorb heat; this heat buildup causes expansion, followed by contraction as the surface cools. This

constant expansion and contraction causes fatigue of the substrate including the roof beams, fasteners, and other building components. To reduce the intensity of this cyclic fatigue and to reduce demand for air conditioning by lowering temperatures, a coat of Silver Film or other compatible solar-reflective roof coating is recommended. Clean equipment with xylene or aromatic naphtha.

MAINTENANCE

Damaged areas may be repaired by cleaning surface and application of ROOFDX SUPER and Roofab as described in the Application section.

PRECAUTIONS

Contains solvents and reactive isocyanates. Do not get on skin or eyes. Do not ingest or inhale vapor. Make sure vapor does not enter building. If skin is contaminated, use suitable cleanser; if eyes are contaminated, wash with water for 15 minutes and seek medical attention. If ingested, do NOT induce vomiting and seek immediate medical attention.

For more information, call our Technical Department.

Keep out of reach of children and pets.

TECHNICAL DATA		
Moisture Vapor Transmission	0.7 perms	ASTM E-96
Tensile Strength	600 psi	ASTM D-412
Elongation	350%	ASTM D-412
Flexibility at Low Temperature	180 deg. bend @ -10°F	ASTM C-711
Shore 'A' Hardness	55 degrees	ASTM D-2240
Puncture Resistance	120 psi	ASTM D-154-79
Viscosity at 70°F	6,000 cps	ASTM D-446
Drying Time @ 80°F (70% R.H.)	24 hrs (to walk on)	
Total Cure @ 80°F (70% R.H.)	72 hrs (to 55 deg. Shore 'A')	
Application Equipment	Brush, Roller or Spray	
Cleaning of Equipment	Xylene or Aromatic Naptha	

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