

# ROOFDX SUPER™

## Urethane Waterproofing Coating



Performance  
Coatings & Sealants  
Systems

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

# ROOFDX SUPER™

## Urethane Waterproofing Coating



Enough material should be present at the overlap that saturation occurs completely without fishmouths 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

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.

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

NOTICE: The information presented herein is based on tests and data that Andek Corporation believes to be reliable. It is intended for use by technically qualified personnel at their own discretion and risk. Since conditions of handling and use are beyond our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be construed as a license to operate or a recommendation to infringe any patent.

Effective Date: 02/2009

© 2009 Andek Corporation. All right reserved. ANDEK is a registered trademark

**ANDEK CORPORATION** · 850 Glen Ave · P.O. Box 392 · Moorestown NJ 08057-0392  
Tel (800) 800-2844 · Fax (856) 786-0580 · www.Andek.com