



ELASTOMERIC VINYL ACRYLIC
ROOF PRIME™
WATERPROOFING
PRIMER SEALER

PRODUCT
DATA
#7090

10/14/10
superseding: 03/20/10

PRODUCT DESCRIPTION:

ROOF PRIME™ is a transparent white, vinyl acrylic, elastomeric, waterproofing Primer Sealer. It is excellent to use if roof surface was previously coated or leaks were present. It is a waterborne latex based formula with a high concentration of waterproofing resin. This allows ROOF PRIME™ to bond, seal and waterproof most any exterior SLOPED roof surface. ROOF PRIME™ will help to seal and prevent leaks from forming, but is not guaranteed to do so. Excellent penetrating characteristics enables ROOF PRIME™ to penetrate the substrate, thereby bonding the finish coat to the prime coat. On non-porous surfaces, the high resin content provides excellent adhesion to the substrate, creating a tight bond between prime and finish coat which eliminates any moisture considerably extending the life of the finish coat. ROOF PRIME™ can be used prior to the application of most latex based roof coatings, but is specifically designed for use with our Finish Coat products which include KOOL-KOTE™, SNOWBRITE™ and INSULKOTE™

PRODUCT USES:

ROOF PRIME™ is recommended for well drained, SLOPED roof surfaces only. Excellent adhesion on weathered wood, shakes, plywood, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, fiberglass, Built-Up-Roofs, bonded roof gravel, rolled roofing, modified bitumen membranes, mineral surfaced roofing, stucco, concrete tiles (flat or barrel), slate, slab and various other substrates. For residential, commercial and industrial applications. Excellent for Mobile Home Roofs.

SURFACE PREPARATION:

For proper adhesion it is essential that the surface is prepared properly. Clean Exterior Surfaces by thoroughly pressure washing with a water and chlorine solution using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. Wire brush if necessary. ROOF PRIME™ will resist mildew growth, but will not kill mildew already on the surface. Rinse thoroughly. Apply only to sound, well prepared roof surfaces. Patch any holes, cracks, seams, imperfections, etc. with PERMAPATCH™ Waterproofing Caulk & Sealant. Tape and seal all seams with PERMATAPE™, Polyester Fabric Tape. For poorly conditioned, unsound or loose roof surfaces (loose gravel) where substrate is chipping, cracking or brittle, inquire about PERMABOND™ Tie & Bond Primer Sealer.

APPLICATION PROCEDURE:

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approx. 2 to 4 hours). Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread primer uniformly. Spread Rate will vary depending on substrate. Apply primer between 10 to 16 mils wet film thickness. Wait at least 12 hours before applying a compatible finish coating.

SPRAYERS:

Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .025.

CLEAN UP:

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

Roof Primers

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

FINISH:	Flat	SPREAD RATE:	100 to 200 sq.ft./gal.
COLOR:	Transparent White	DRY to TOUCH:	2 to 4 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	52% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	37% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	0 lbs./gal. • 10 g/liter	GALLON WEIGHT:	10.9 lbs. +/- .3 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
7090**

Product Identification	Product Name: ROOF PRIME™ Product Code #: 7090 General Usage: Exterior Latex Roof Primer Sealer General Description: Pigmented Latex Primer C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Chemical Coating Mfrs., Inc. Address: 6067 17th Street East; Bradenton, FL 34203-5002 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 st , 2005	
Chemical and Physical Properties	Color: Transparent White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 43-48% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
Fire Protection Information	Decomposition/Combustion: N/A Flash Point: N/A; Does Not Burn Recommended Extinguishing Media: N/A Flammable Limits: N/A	
Storage and Reactivity	Hazardous Polymerization: Will Not Occur Storage Conditions: Keep from Freezing Toxic Products Which May Form: None	
Transportation	Hazard Classes: None; Not Hazardous Hazard Labels: Not Required Hazard Determination: MSD Sheet Shipping Containers: Varies Shipping Class: Class 55; Water Based Paint	
Container Labeling	Explanation of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes: Ingestion:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
	LONG TERM EXPOSURE	
	Carcinogen: None Target Organ Effects: None Other Health Hazards: None Known	
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Treatability	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
Recommended Waste Disposal	Dispose of in accordance with Federal, State and Local guidelines.	