



Manufactured to Last®



PRODUCT DESCRIPTION:

INSUL-SHIELD PRO SEAL PRIMER™ is a white, fast drying, acrylic waterproofing, highly alkali resistant, bonding primer sealer and stain blocker. It is a waterborne, acrylic multi-use bonding primer. This high performance latex stain killer effectively seals most stains including: water, lipstick, tobacco, nicotine, inks, crayons, and knots or sap streaks. Product has excellent resistance to and sealing of tannin stains. It resists checking and cracking when used over bare exterior plywood, T-1-11. Douglas fir or yellow pine. The bond that is formed between **INSUL-SHIELD PRO SEAL PRIMER™** and the finish coat eliminates any possibility of moisture under the finish coat this extending the coating's life considerably. It is designed as a primer coat and stain blocker for most any latex based paint or coating.

PRODUCT BENEFITS USES:

Excellent adhesion on most any interior or exterior surface including: Hardie board, weathered wood, shakes, plywood, clapboard, primed metal, galvanized, primed synthetic or aluminum siding, aluminum, tin, copper, asbestos, acoustic tile, asphalt, urethane, polyester, Styrofoam, adobe, brick, stucco, concrete, clay, masonry, slate, slab, and various other substrates. For interior or exterior use on residential, commercial, and industrial applications. **INSUL-SHIELD PRO SEAL PRIMER™** can be tinted to a lighter shade of the top coat color to decrease the number of coats required for colored finishes (inquire for more information).

SURFACES PREPARATION:

All surfaces must be sound, dry, clean, and free of oil, grease, dirt, mildew, form release agents, curing compounds, loose and flaking paint and other foreign substrates. All exterior surfaces must be prepared by thoroughly pressure washing with a water and chlorine mixture using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew, and algae.

NEW SURFACES: Prepare new surfaces as follows: **Concrete, Masonry, and Plaster-** Cure at least fifteen days before painting, poured in place concrete must cure for at least seven days and the pH must be 9.0 or lower. Roughen slick poured or precast concrete and remove seals by chemical cleaning or abrasive method such as sanding. Rinse thoroughly with water and allow to dry. **Drywall-** Remove sanding dust. **Wood-Interior-** Sand, smooth, and dust clean. **Exterior-** Counter sink nails. Caulk with latex-type caulk. Slight discoloration on staining woods is normal. If discoloration is considerable, apply a second coat for improved protection. **Steel & Metal-**Prime & prepare any ruse or bare metal with **PRO-PRIME RED-OX™** metal primer.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Sanding not required if the surface is properly and thoroughly cleaned (scuff sanding is required only on glossy, hard, slick, or cleanse surfaces which are subject to high levels of moisture). Remove loose paint. Scrub heavy chalk areas and overhead areas such as eaves with soap and water. Rinse surfaces clean with water and allow to dry for 24 hours. Prime bare areas with primer specified under **NEW SURFACES**.

APPLICATION PROCEDURE:

Mix thoroughly before use. May be applied by brush, roller, or spray. No thinning required. Effectively seals most water stains, inks, crayon, ballpoint pen marks, lipstick, bleeding paints, knots, sap streaks, tobacco, nicotine stains. Some stains may require a second coat. Some highly sensitive stains may require the application of solvent-based stain sealer for best results. For exteriors applications, stop painting at least two hours before you expect heavy dew, rain, or temperatures below 45 degrees Fahrenheit. For maximum stain resistance, allow four hours before top coating. Low temperatures, high humidity, thick films, or poor ventilation will increase these times.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .017. Remove all line filters and gun filters before spraying.

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

Note:

SUPER BLOCK™ will not hide stains completely by itself. Once a paint or coating is applied, the stain or blemish should be noticeably sealed. If stains persist the application of a solvent-based stain sealer may be necessary.

Ambient Temperature of 77° and RH of 50% **TECHNICAL SPECIFICATIONS:** Rates & Times May Vary Beyond Specifications

FINISH: Flat
COLOR: White (Tintable)
VEHICLE TYPE: Copolymer Emulsion
SOLIDS by WEIGHT: 52% +/- 2%
SOLIDS by VOLUME: 46% +/- 2%
V.O.C.'s (averages): 1.22 lbs./gal. • 146.0 g/liter

SPREAD RATE: 200 to 300 sq.ft./gal.
DRY to TOUCH: 1-2 Hours
RECOAT: 4 Hours
CURE TIME: 5 to 7 Days
SIZES: 1 Gal., 5 Gal., 55 Gal.
GALLON WEIGHT: 10.2 lbs. +/- .3lbs.

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 Insulpro Paints will not be liable or responsible for any past, present, or future leaks or any resulting consequential or incidental damages

Product Identification	Product Name INSUL-SHIELD PRO SEAL PRIMER™ General Usage: White Stain Sealer/Primer General Description: Pigmented Latex Coating C.A.S. Number: None Established, Mixture		Health Hazard Data	SHORT TERM EXPOSURE	
Manufacturer Information	Manufacturer's Name: InsulPro Paints Inc. Address: 10300 W. Charleston Blvd., Suite 13-174 Las Vegas, Nevada 89135			Route of Entry: Inhalation: Skin:	Precautionary Treatment Expected None Expected None
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1) >1 Vapor Presence: about the same as H ₂ O Percent Volatile 43-48% Evaporation Rate (Butyl Acetate=1): <1	Odor: Mild Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ O: Soluble pH (undiluted): 7.5 to 8. Vapor Density (Air:1): <1	LONG TERM EXPOSURE		
Fire Protection Information	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A	Personal Protection	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Storage And Reactivity	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None		Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Transportation	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint	Spill or Leak Protection	Accidental Release or Spill Neutralizing Chemical/Media: N/A	Collect liquid or solid with absorbent package for disposal
Container Labeling	Explanation of unique Labeling Systems: None Used		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.	