



Manufactured to Last®



PRODUCT DESCRIPTION:

INSUL-SHIELD PLATINUM PRIME™ is a clear transparent, acrylic elastomeric, waterproofing ADHESIVE, bonding, Primer Sealer. A waterborne, latex based, high resin content formula that contains no fillers or pigments. It is designed to remedy and prepare chalking and/or poorly conditioned surfaces for a finish coat. INSUL-SHIELD PLATINUM PRIME™ revitalizes and strengthens the surface to which it is applied, preventing cracking, efflorescence, spalling and segregation. INSUL-SHIELD PLATINUM PRIME™ will bond, seal and waterproof most any exterior surface. Excellent penetrating characteristics enable INSUL-SHIELD PLATINUM PRIME™ to permeate into the substrate providing a permanent bond to the finish coat. On non-porous substrates, the high resin content provides excellent adhesion to the surface then forming a tight bond to the finish coat. The bond that is formed between INSUL-SHIELD PLATINUM PRIME™ and the finish coat eliminates any possibility of moisture under the finish coat thus extending the coating's life considerably. Designed as a primer coat for INSUL-SHIELD GOLD MATTE™, INSUL-SHIELD GOLD SATIN™, INSUL-SHIELD ROOF KOTE coating systems, but can be used as a primer for most any latex based paint or coating.

PRODUCT BENEFITS USES:

Excellent adhesion on most any interior or exterior surface including: stucco, weathered wood, shakes, plywood, clapboard, primed metal, galvanized, synthetic or aluminum siding, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, adobe, brick, concrete, clay, masonry, slate, slab, and various other substrates. For interior or exterior use on residential, commercial, and industrial applications.

STAINS: Spot prime all stains before priming entire area. INSUL-SHIELD PLATINUM PRIME™ will seal most stains. If stain persists, a compatible stain blocker must be used on problem area(s).

SURFACES PREPARATION:

Trenching is necessary to form a complete seal. If applicable, trench 4 to 6 inches around the perimeter of the structure. Prepare Exterior Surfaces by thoroughly pressure washing with a water and chlorine solution using at least 3000 P.S.I to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew, and algae. INSUL-SHIELD PLATINUM PRIME™ will resist mildew growth but will not kill mildew already on the surface. Clean Interior Surfaces by washing off all dirt, grease, soap and oil build-up with a powered household cleaner and water. Rinse thoroughly. Remove loose paint and powdery substances. Patch any holes, cracks, seams, imperfections, etc. with PROPATCH™. Waterproofing Caulk & Sealant.

Metal: Clean surface of all grease, oil, and foreign matter before priming. Rusted metal and uncoating metal must be primed with INSUL-SHIELD PRO-PRIME a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatments. Check INSUL-SHIELD PRO PRIME™ adhesion on galvanized or coated metal by applying to a small area and evaluating after 48 hours. If lack of adhesion is present after evaluating, metal must be lightly scuffed without penetrating the coated finish or galvanizing. If applicable, use INSUL-SHIELD PRO-PRIME™ to spot prime the penetrated areas, then use INSUL-SHIELD PLATINUM PRIME™ Primer for entire coated or galvanized surfaces.

NOTE: Wood knots should be spot primed with shellac. Pressure treated wood must be aged 6 months before priming. New masonry must age 60 days before priming or you can apply a sealer coat of PH PRIME™ Surface Conditioner & Chalk Sealer before or instead of INSUL-SHIELD PLATINUM PRIME.

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. 1 to 2 hours). Drying time will vary depending on temperature humidity and location. Apply using brush, roller, or spray. Spread coating uniformly. Spread Rate will vary depending on surface. Apply each coat between 10 to 16 mils wet film thickness. Wait at least 4 hours before applying a compatible paint or coating.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .021. 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.

Ambient Temperature of 77° and RH of 50% TECHNICAL SPECIFICATIONS: Rates & Times May Vary Beyond Specifications	
FINISH: Transparent	SPREAD RATE: 100 to 150 sq.ft./gal.
COLOR: Clear (non-pigmented)	DRY to TOUCH: 1-2 Hours
VEHICLE TYPE: Copolymer Emulsion	RECOAT: 4 Hours
SOLIDS by WEIGHT: 41% +/- 2%	CURE TIME: 5 to 7 Days
SOLIDS by VOLUME: 36% +/- 2%	SIZES: 1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages): .38 lbs./gal. • 45.0 g/liter	GALLON WEIGHT: 8. 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 PLATINUM PRIME™ General Usage: Exterior Latex Elastomeric Wall Primer General Description: Non-Pigmented Latex Wall ADHESIVE Primer 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: Clear 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 -% 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		Eyes: Ingestion:	Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if significant amounts have been Swallowed. Give patient large amounts of water of milk for dilution.
Ingredients C.A.S. Numbers	Modified Acrylic Polymer Ethylene Glycol Ammonia Trimethyl Pentandiol Monoisbutyrate Mineral Spirits	Proprietary (non-hazardous) C.A.S. #: 107-21-1 C.A.S. #: 7664-41-7 C.A.S. #: 25265-77-4 C.A.S. #: 8052-41-3	Personal Protection	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		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 Class55; WaterBased Paint	Spill or Leak Protection	Accidental Release or Spill Neutralizing Chemical/Media: N/A	Collect liquid or solidify with absorbent package for disposal
			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.	