



**Manufactured to Last®**



**PRODUCT DESCRIPTION:**

INSUL-SHIELD PLATINUM is a bright white, Matte Finish, elastomeric acrylic with urethane, insulating ceramic. Protective Waterproofing Coating, Industrial Maintenance. An elastomeric acrylic urethane waterborne, latex based, high build formula that provides waterproofing, insulating and soundproofing performance in a beautiful protective finish. Innovative technology combines an optimum blend of elastomeric, 100% acrylic and urethane resins to result in an extremely durable, waterproofing elastic film that has excellent resistance to thermal shock by expanding and contracting with hot and cold temperatures, but also has good impact resistance and excellent chemical resistance. This unique blend of resins gives the longevity of an elastomeric coating with exceptional dirt pickup resistance plus excellent scratch and mar resistance. A self-priming coating that forms a thick rubber like ceramic shield of protection that actually becomes part of the substrate due to excellent adhesion and bonding. INSUL-SHIELD PLATINUM offers superior mildew resistance, corrosion resistance, ceramic, insulation & soundproofing, excellent adhesion, ultraviolet ray reflectivity and a beautiful Matte Finish. Qualifies for a CLASS A Fire Rating. Designed as an insulating, energy saving, industrial maintenance coating that will reduce costly maintenance, repairs and frequent repainting on most any surface or substrate. This easy to apply coating system will provide many years of durable protection and outstand beauty. 15 to 30 Year (Lifetime Warranty) labor and Material Warranty. **OPTION: FADE RESISTANT WARRANTY USING OUR IR ENERGY TECH PIGMENTS.**

**PRODUCT BENEFITS:**

- FADE RESISTANCE WARRANTY
- Labor & Material warranty
- UV Reflective
- ECO Friendly
- AAMA Waterproofing Testing
- Long Term Superior Performance
- Ceramic Technology
- IR-Energy Tech Pigments
- Reduce Heat Transfer

**PRODUCT USES:**

INSUL-SHIELD PLATINUM can be used on stucco, pipes, holding tanks, roofs etc... Excellent adhesion on most any surface including: weathered wood, shakes, plywood, clap board, primed metal, various other substrates. For Exterior or Interior use on Residential, Commercial, or Industrial applications.

**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 (unless previously done before primer coat) 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™ 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. If after cleaning, there is still chalk present or existing coating is compromised, apply a coat of PLATINUM PRIME Primer Sealer before the application of INSUL-SHIELD PLATINUM. Patch any holes, cracks, seams, imperfections, Water penetrations, dissimilar surfaces 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 PRO PRIME RED-OX™, a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metals which have oils or surface treatments. Check INSUL-SHIELD PLATINUM™ 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 PRO-PRIME RED-OX™ to spot prime the penetrated areas, then use PLATINUM PRIME™ Primer for entire coated or galvanized surfaces.

**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 coating uniformly. Spread Rate will vary depending on surface. Dry mil thicknesses will vary depending on the conditions. Contact a representative for specific details.

**Airless Sprayers:** Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .025. 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% <b>TECHNICAL SPECIFICATIONS:</b> Rates & Times May Vary Beyond Specifications	
FINISH: Matte	SPREAD RATE: 100 to 150 sq.ft./gal.
COLOR: White, Deep & Clear Base	DRY to TOUCH: 2-4 Hours
VEHICLE TYPE: Copolymer Emulsion	RECOAT: 12 Hours
SOLIDS by WEIGHT: 62% +/- 2%	CURE TIME: 5 to 7 Days
SOLIDS by VOLUME: 48% +/- 2%	SIZES: 1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages): .38 lbs./gal. • 45.0 g/liter	GALLON WEIGHT: 11.9 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.

**INSUL-SHIELD®**

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**[www.manufacturedtolast.com](http://www.manufacturedtolast.com)**

Product Identification	Product Name: <b>INSUL-SHIELD PLATINUM™</b> General Usage: Exterior Latex Elastomeric Industrial Coating General Description: Pigmented Latex Coating C.A.S. Number: None Established, Mixture	
Manufacturer Information	Manufacturer's Name: InsulPro Paints Inc. Address: 10300 W. Charleston Blvd., Suite 13-174 Las Vegas, Nevada 89135	
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1) >1 Vapor Presence: about the same as H <sub>2</sub> O Percent Volatile: 28-33% Evaporation Rate (Butyl Acetate=1): >1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H <sub>2</sub> O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air:1): >1
Fire Protection Information	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
Storage And Reactivity	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
Transportation	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers:	None; Not Hazardous
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 significant amounts have been Swallowed. Give patient large amounts of water of milk for dilution.
	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None 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: N/A	Collect liquid or solid 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	
Labeling	Explanation of Unique Labeling System: None Used	
Recommended Waste Disposal	Dispose of in accordance with Federal, State and Local guidelines.	