



Manufactured to Last®



**PRODUCT DESCRIPTION:**

**INSUL-SHIELD GOLD SATIN™** is a bright white, Satin Finish, elastomeric acrylic, insulating ceramic. Protective Waterproofing Wall Coating. An elastomeric acrylic latex based, high build formula that provides waterproofing, insulating and soundproofing performance in a beautiful protective finish. Innovative elastomeric resin technology results 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. A self-priming coating that creates a ceramic shield of protection that becomes part of the substrate due to excellent adhesion and bonding. **INSUL-SHIELD™** offers superior mildew resistance, corrosion resistance, scratch and mar resistance, ceramic, insulation & soundproofing, excellent adhesion, ultraviolet ray reflectivity and a beautiful Satin Finish. Excellent anti-carbonation protection on concrete substrates. Qualifies for a CLASS A Fire Rating. Originally designed as a Commercial Coating for hi-rises, multi-story buildings, sky scrapers to reduce costly maintenance, repairs and frequent re-painting and now also used as an insulating, energy saving, wall coating that stabilizes, strengthens, and protects while combating the destructive environmental forces of nature. This easy to apply coating system will provide many years of durable protection and outstanding beauty. Available in a beautiful Matte Finish also; inquire about **INSUL-SHIELD GOLD MATTE™**. 15 to 30 year 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:**

Excellent adhesion on most interior or exterior surfaces including stucco, weathered wood, shakes, plywood, primed metal, galvanized primed synthetic or aluminum siding, adobe, brick, and various other substrates. For Residential, Commercial, and 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 GOLD SATIN™** 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 GOLD SATIN™**. 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 **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 **INSUL-SHIELD GOLD SATIN™** 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 thickness will vary depending on conditions. Contact a specific representative for 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: Satin		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: 52% +/- 2%		CURE TIME: 5 to 7 Days	
SOLIDS by VOLUME: 40% +/- 2%		SIZES: 1 Gal., 5 Gal., 55 Gal.	
V.O.C.'s (averages): .36 lbs./gal. • 43.0 g/liter		GALLON WEIGHT: 11.1 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: <b>INSUL-SHIELD GOLD SATIN™</b>	
	General Usage: Exterior Latex Elastomeric Wall 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 36-41% 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: N/A Flash Point: N/A; Does Not Burn N/A Recommended Extinguishing Media: N/A Flammable Limits:	
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 5; 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 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:	Collect liquid or solid 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.	