



**H-I-S PAINT
COMPANY**

REVEAL

EXTERIOR ACRYLIC FINISH – LOW VOC
2805 SERIES - FLAT

Product Description

Our “professional” series Exterior Acrylic Coating is designed to withstand the most extreme weather conditions while providing superior exterior surface protection. REVEAL is both Low Odor and Low VOC (VOC<100 g/l) due to our advanced coatings technology. Performance benefits include superior adhesion to wood, metal, and light chalk, allowing it to be used on a wide variety of exterior substrates. REVEAL has superior UV resistance, color retention and remarkable flow and leveling characteristics. REVEAL gives freshly painted surfaces a new look. REVEAL is available in Flat and Satin sheens.

Recommended Uses

New or Previously paint interior or exterior wood, masonry/cement composition siding/panels, block walls and surfaces, tilt-up concrete, sheetrock, plaster, brick, stucco, EFIS, vinyl siding, Masonite© siding, aluminum siding, composition board/hardboard siding, galvanized metal, and steel.

Product Benefits

- Superior Hide / Superior Performance / Superior Durability / Superior Exterior Surface Protection
- Built to Resist Extreme Weather Conditions
- Superior Adhesion to Wood, Metal, & Masonry Surfaces
- Superior UV, Fade, & Chalk Resistance
- Superior Color Retention
- Blister, Peel, & Mildew Resistant
- Low VOC (VOC<100 g/l) / Low Odor
- Environmentally Friendly / Non Flammable
- Easy to Apply / Soap & Water Cleanup

Colors

White and Tint Bases Available. Hundreds of colors can be matched using the H-I-S color match system.

Surface Preparation

Surface must be clean, dry and free of dust, dirt, grease, oil, mold, mildew, lose wood fibers, soap residue, flaking paint, chalk, wax, corrosion, laitance, and all other contaminants or foreign matter that might impede adhesion. Existing **WOOD** surfaces must be structurally sound and completely dry. **MOISTURE CONTENT** must be below 15% or wood must be exposed to dry weather a minimum of 3 to 5 days. Sand any exposed **DETERIORATED WOOD** to a fresh surface. Patch imperfections with a wood filler. Some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. In severe cases a coat of HIS 1900 Ext Primer may be needed. The first coat may show some tannin discoloration, but it will be trapped in the first coat. A second coat will uniform the appearance. Scrape, sand, and spot prime all knots and pitch streaks with HIS 1900 Primer. **STUCCO** remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. **NEW CONCRETE, MASONRY, CONCRETE BLOCK** refer to SSPC-SP13/NACE 6. Remove all loose mortar and foreign material. Concrete must be free of laitance, concrete dust, dirt, form release agents, moisture curing membranes, loose cement and hardeners. Concrete and mortar must be cured to the supplier's recommendation – usually 30 days @ 75°F. On **TILT-UP and POURED-IN-PLACE CONCRETE**, commercial detergents and abrasive blasting may be necessary. Fill bug holes, air pockets, and other voids. **BRICK** must be allowed to weather 1 year prior to surface preparation and painting. Prime with HIS 1900 Primer. **COMPOSITION BOARD / HARDBOARD** because of the potential for wax bleeding out of the substrate, apply one coat of HIS EXT 8200 Alkyd Primer and then topcoat. **ALUMINUM & GALVANIZED STEEL** solvent wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, steel wool, or other abrading method. **VINYL SIDING** clean the surface thoroughly by scrubbing with warm soapy water. Rinse thoroughly. **STEEL** rust and mill scale must be removed using sandpaper, steel wool, or other abrading method. Bare steel must be primed the same day as cleaned. **MILDEW** remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area, allow it to sit on the surface for 10 minutes then rinse thoroughly. Wear protective eyewear, clothing, and gloves. **GAPS** between, ceilings, walls, molding, and other exterior wood trim surfaces can be filled with appropriate **CAULK** after priming the surface. **GLOSSY SURFACES** should be sanded dull to promote adhesion. Existing **PEELED or CHECKED PAINT** should be scraped and sanded to a sound surface. To refinish **SURFACES in POOR or QUESTIONABLE CONDITION**, completely remove the old finish and treat as for new wood. Recognize that any surface preparation short of **TOTAL REMOVAL** of the old coating may compromise the service length of the system.

WARNING! Removing existing coating from surface by sanding, scraping or other mechanical means may create dust or particles containing lead, a hazardous substance. Avoid creating and breathing dust and other debris. Thoroughly clean all surfaces before and after painting. **BREATHING OR EATING LEAD-CONTAINING DUST OR DEBRIS CAN CAUSE HEALTH PROBLEMS, ESPECIALLY IN CHILDREN AND PREGNANT WOMEN.** Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted (NIOSH approved) respirator and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in USA), contact your local authority, or log on to www.epa.gov/lead.

Application

COVERAGE Will cover approximately 400 square feet per gallon on smooth surfaces. Coverage figure does not include spray loss, loss due to surface porosity, surface irregularities, nor material loss when mixing.



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MIXING Material does not require thinning. Stir each container thoroughly before using and occasionally while applying to keep uniform consistency and color. For color uniformity, intermix all cans together before use.

APPLICATION Apply evenly with a nylon/polyester, brush, ½” – 1” synthetic roller cover, or spray. When applying by roller, roll from the dry area into the wet area using firm crisscrossing strokes. Finish with long even strokes in one direction. For airless application, use a 0.17 to 0.19” tip @ 2000 psi. If spraying, always back brush or back roll immediately to ensure proper penetration and uniformity. Do not apply in direct sunlight or on a hot surface. During application at temperatures above 80°F, REVEAL sets up quickly. Some adjustment in your painting approach may be required. Paint from a dry area in the adjoining wet coating area. Maintain a wet edge to avoid lap marks.

PREVIOUSLY PAINTED and UNPAINTED SURFACES Prime all bare surfaces and unpainted surfaces with one coat of HIS 1900 Exterior Acrylic PRIMER. Allow 4 hours drying time before top coating with REVEAL Exterior Coating. On repaint work or previously painted surfaces, apply one coat of REVEAL Exterior Coating.

CLEANUP Clean spills and spatters promptly. Clean hands, tools, and spray equipment immediately after use with soap and warm water. Give spray equipment a final flush with mineral spirits to help prevent corrosion. Follow manufacturer’s safety recommendations when using mineral spirits. Dispose of used paint and waste in accordance with local, state, and federal regulations.

PRECAUTIONS / LIMITATIONS

FOR EXTERIOR USE ONLY

Not for use on wood, metal or other surfaces that are constantly damp or wet.

Not for use on roofs, decks, or other surfaces where water will accumulate.

Not for use on floors or steps

Apply when surface, air and product are above 50°F (10°C) and at least 5°F (3°C) above the dew point.

Do not apply in Direct Sunlight or on hot surfaces.

Do not apply when relative humidity is above 85%.

Do not apply when air or surface temperature are below 50°F (10°C).

Do not apply when air or surface temperatures may drop below 50°F (10°C) within 48 hours after application.

On large expanses of metal siding, the air, surface and material temperatures must be 50°F (10°C) or higher.

Do not apply this product over wet or damp surfaces or when rain or snow is imminent.

Non-photochemically reactive

PROTECT FROM FREEZING

MILDEW RESISTANT This coating contains agents that inhibit the growth of mildew on the surface of this coating.

ENVIRONMENTAL & SAFETY STATEMENT This product is not formulated with any lead, chrome or mercury containing ingredients. The maximum VOC does not exceed 250g/L. Do not take internally. Keep out of the reach of children. Use with adequate ventilation. For specific safety requirements, refer to Safety Data Sheet (SDS).

LIMITATION OF LIABILITY To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, expressed or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.

TECHNICAL DATA: Based on 2805P

COLOR:	White
VEHICLE TYPE:	Acrylic Latex
WEIGHT GALLON:	11.52 ± 0.2 lb./gal.
WEIGHT SOLIDS:	55.2 ± 2.0 %
VOLUME SOLIDS:	38.1 ± 2.0 %
GLOSS @ 85°:	2.5 Max
VISCOSITY:	100-105 KU @ 77°F (25°C)
FLASH POINT:	Above 200°F (93°C)
RECOMMENDED COVERAGE:	400 sq. ft./gal
WET MILS; DRY MILS PER COAT	@ 4 mils wet; 1.5 mils dry
VOC (g/l):	EPA: (VOC<100 g/l)
GRIND:	#4 (50 microns)
HMIS/NFPA:	1,0,0
THINNING & CLEANUP:	Water
DRYING TIME @ 77°F (25°C) AND 50% RH	
TO TOUCH:	1 Hour
TO RECOAT:	4 Hours

Revised: 1/15/18