

Super Color Stain HR

Roller, spray
or brush applied,
water based
opaque
acrylic stain.

WHERE TO USE
Enhance appearance and
protect horizontal concrete,
Conpro Top Coat
and Elastideck.

PERFORMANCE CHARACTERISTICS

Water repellent

- 2 coat application passes ASTM E514.

Breathability

- Water vapor permeable. Suitable for on-grade applications.

Alkaline stable

- Formulated for highly alkaline substrates.

Durable

- UV stable. Mildew resistant. Excellent abrasion resistance.

Colorfast

- Premium quality, exterior grade pigments minimize fading.

Extensive color spectrum

- 57 standard colors and custom matching.

Low maintenance

- Excellent dirt and stain resistance.

Uniform color

- Provides monolithic color to mottled surfaces.

SURFACE PREPARATION

- Remove loose and deteriorated material, laitance, dirt, dust, oil and any surface contaminants that will inhibit proper adhesion.
- Prepare surface to be sandpaper-like texture (CSP 3) by mechanical abrasion or water blasting. Refer to ICRI Surface Preparation Guide 03732 for information about Concrete Surface Profile (CSP).
- Surface must be dry and frost free.
- Repair large voids and damaged areas with *Conpro Set*.
- For cracks greater than 1/16 inch rout and caulk with a urethane sealant. Refer to SWRI Sealants – The Professionals' Guide.

PRIMING

- Use *Conpro Point 5* on chalky concrete surfaces.

MIXING

- Stir or mechanically mix using a low speed drill (400 - 600) until homogenous.
- Mix pails from different batches when an entire surface is visible.

APPLICATION

- Apply a test sample to determine adhesion. Test using ASTM D3359 cross-hatch adhesion test.
- Substrate temperature must be above 45°F.
- Ambient temperature must be above 45°F for the entire curing period.
- For roller applications use a 3/8 - 1/2 inch synthetic nap roller depending on texture of substrate.
- For spray applications use an airless sprayer with a 0.019 - 0.021 tip. Refer to *Conproco Black Book*.
- Work to pre-determined break points in the structure.
- Maintain a wet edge.
- A second coat may be applied when the first is dry-to-touch.

CURING

- Protect from moisture for 24 hours.

CLEAN UP

- Clean tools and equipment with water. Clean adjacent areas with water before material dries.

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COVERAGE/YIELD

- 250 ft.²/gal. @ 6 mils.

PRODUCT HANDLING

Packaging

- 1 and 5 gallon containers.

Shelf Life

- 18 months in unopened containers.

Storage

- Protect from freezing.
- Transport and store in cool, clean, dry conditions in unopened containers.
- High temperature will reduce shelf life.

DISPOSAL

- Dispose of material in accordance with local, state or federal regulations.

LIMITATIONS

- A light color stain may not completely hide a dark substrate, even with 2 coats.
- Do not apply if precipitation is forecast within 24 hours of application.
- Do not apply in strong winds.
- Do not apply to frozen surfaces.
- Do not apply if temperature of substrate is below 45°F.
- Do not apply if ambient temperature is below 45°F.

HEALTH AND SAFETY

- Product is slightly alkaline.
- Do not ingest.
- Avoid contact with skin and eyes.
- Avoid breathing vapors.
- Refer to Material Safety Data Sheet (MSDS) for additional information.

FIRST AID

- In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional. For respiratory problems, remove person to fresh air. If respiratory difficulty persists, contact a medical professional.

TECHNICAL DATA

Physical state and appearance		Liquid emulsion – thin – paint-like
Base		Aqueous
Polymer		Acrylic
pH		8.7
Percent solids by weight		35%
Percent solids by volume		31%
Viscosity	ASTM D562	81 KU – paint paddle
Volatile organic content – VOC	ASTM D3960	Less than 0.32 lbs./gal. – 38 gms./liter
Density of liquid coatings	ASTM D1475	9.64 lbs./gal.
Drying time		2 hours @ 65°F – dry to touch
Water vapor transmission	ASTM E96	12 perms – 1 coat @ 5 mils. wet
Fungus resistance	Fed. Spec. TT-P-19D	Pass – no growth
Accelerated weathering – QUV	ASTM G154	2000 hours – UV-B cycled with condensation – no effect
Resistance to chemicals	ASTM C1308	Dried ketchup/Dried coffee/Dried soda – excellent Gas/Motor oil – excellent
Hiding power of coating	ASTM D2805	Excellent
Wind driven rain	Fed. Spec TT-C-555B	No leakage @ 62 mph – 2 coats
Resistance to abrasion – tabor	ASTM C1353	250 cycles – 2.8% loss – H22 wheel with 500 gms.
Freeze/thaw stability	ASTM C932	Pass
Heat stability	ASTM C932	Pass – 2 weeks @ 120°F
Dirt pick-up	ASTM D3719	Excellent
Mud cracking @ 15 mils.		None

FOR PROFESSIONAL USE ONLY

Conproco Corp. warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current technical data sheet if used as directed within shelf life. User determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. January 2005.

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