



H&C® PRO SERIES EPOXY BASECOAT Water-Based Floor Coating



PRODUCT DESCRIPTION

H&C® PRO SERIES EPOXY BASECOAT Water-Based Floor Coating is a two part epoxy that is durable and is the perfect basecoat for the H&C PRO SERIES METALLIC SYSTEM. This two part system comes in black and gray colors to provide the ideal contrast when used with the H&C™ CLEARPROTECT™ 2-PART SELF-LEVELING EPOXY CLEAR in the metallic system.

FEATURES & BENEFITS

- Water-Based for Easy Application and Clean-Up
- Hard, Durable Surface, Resists Wear and Peeling for Long Lasting Beauty
- Advanced Polymer Technology

RECOMMENDED USES

All interior concrete flooring including residential homes, basement floors, laundry room floors, storage areas, commercial floors and warehouse floors.

COVERAGE RATE

200 to 250 square feet – depending on the porosity of the substrate.

JOBSITE TEST SECTION

Due to the wide variety of substrates, preparation methods, application methods and environments, it is important to create a test sample.

LIMITATIONS

Do not apply to outdoor surfaces exposed to direct sunlight. UV exposure may cause the color to fade over time.

SURFACE PREPARATION

Bare Concrete: Allow newly poured concrete to cure at least 28 days before applying product. Concrete surfaces should be able to absorb water. To test absorption, spray various sections of the surface to be stained with water. If the water does not absorb rapidly, then acid etch the surface using H&C® CONCRETEREADY® ETCHING SOLUTION, following label instructions. After proper etching, the surface should feel like 120-grit sandpaper. If not, then etch again. Mechanical abrasion methods may be necessary to achieve proper profile. Do not apply until all surfaces are porous. Allow all surfaces to dry at least 24 hours before applying Epoxy

Coating. Prepared concrete must have a pH of 6 to 10. Surface must be clean, dry, and free of dirt, grease, oil and other contaminants.

Previously Painted Concrete: For best performance remove all paint, coatings and sealers prior to basecoat installation. Mechanically grind the surface for optimum results. Vacuum or sweep away grinding dust before basecoat application.*

***WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. To avoid exposure to lead dust, wear proper protective equipment, such as a properly fitted respirator (NIOS approved) and follow proper containment and cleanup procedures. For more information, call the National Lead Information Center at 1-800-424-LEAD (in U.S.) or contact your local health authority.

TOOLS REQUIRED

- 3/8 - 1/2-inch nap roller cover; disposable nylon or polyester brush for in-cutting Paint tray and liner
- Pressure washer or regular garden hose with a high-pressure nozzle
- Stiff-bristle broom
- Bucket to mix cleaner/degreaser with water
- Eye Protection
- Respiratory Protection
- Gloves

APPLICATION INSTRUCTIONS

Install H&C PRO SERIES EPOXY BASECOAT when temperatures are between 50° and 90°F and the relative humidity is less than 80%. You can apply EPOXY BASECOAT as a solid color directly on the substrate.

Mixing: Thoroughly mix EPOXY BASECOAT part A and part B separately in their individual cans. Next, pour part A contents into part B container and use a low-speed electric drill and a paint mixing paddle to mix the two components until completely combined. Do not use a high-speed mixer, since this will create unwanted air bubbles. Improperly mixed resins may not harden or may result in color variations when applied. Allow mixed components to react and follow the Physical Properties section on this data page for proper induction and pot life times. Be sure to scrape the sides and bottom of the containers to assure that all material is properly mixed.

Applying as a Solid Color: Working in sections, apply EPOXY BASECOAT evenly and consistently, back rolling to ensure color and film uniformity. Be careful to cover all areas, and do not leave streaks or apply too heavily. Commercial applications may require two coats. Allow an 8-hour minimum dry time between coats. Additional coats of epoxy coating may be applied when the prior coat is dry to the touch and within five days of the initial application. If re-coating happens past the 5th day, scuff sand with 100 grit sand paper or a sanding screen.

CLEANUP

Clean tools and any spills or spatters immediately using soap and warm water. Sticky resin or residue on hands can be removed with isopropyl alcohol. Fully cured H&C PRO SERIES EPOXY BASECOAT coating can only be removed with industrial paint strippers or through mechanical methods, such as grinding or sanding.

ORDERING INFORMATION

1 Gallon Mix

Part A Epoxy	Part Number/SMIS
1 Quart	50.17075A-14/6509-99048
Black Part B Hardener	
1 Gallon	50.17105B-16/6509-99063
Gray Part B Hardener	
1 Gallon	50.17125B-16/6509-99089

5 Gallon Mix

Part A Epoxy	Part Number/SMIS
1 Gallon	50.17085A-14/6509-99055
Black Part B Hardener	
3 Gallon	50.17115B-30/6509-99071
Gray Part B Hardener	
3 Gallon	50.17135B-30/6509-99097

PHYSICAL PROPERTIES

Typical Physical Properties and Characteristics		
Property	Test Method	Value
Dry Time (@ 77°F, 50% RH)	Dry-to-touch	6 hours
	Light traffic (foot)	8-12 hours
	Heavy traffic	72-96 hours
	Recoat	8 hours min., 5 days max.
	Full cure	14 days
Flash Point	ASTM D93, PMCC	>200°F (mixed)
VOC	EPA Method 24	115 g/L; 0.96 lb/gal*
Static Coefficient of Friction		0.74
Perm Rating	ASTM D1653	5.5 grains/(hr ft ² in Hg)
Sheen	ASTM D523	Gloss
Solids by Volume	ASTM D2832	46.5% ± 2%*
		Solids by Weight
Induction Time	(@ 55-69°F, 60% RH)	15 minutes
	(@ 70-79°F, 70% RH)	15 minutes
	(@ 70-79°F, 70% RH)	15 minutes
Pot Life	(@ 55-69°F, 60% RH)	2.5 hours
	(@ 70-79°F, 70% RH)	1.5 hours
	(@ 70-79°F, 70% RH)	1 hour
Shelf Life		12 months, unopened (Store at 60°-95°F)

*May vary depending on color

CAUTIONS

DANGER! COMBUSTIBLE. VAPOR HARMFUL. HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTIONS. CAUSES EYE, SKIN AND RESPIRATORY TRACT BURNS. This kit contains the following chemicals that may be harmful if misused: **AMINE, EPOXY RESIN, VOLATILE ORGANIC COMPOUNDS, TRISODIUM PHOSPHATE DEDECAHYDRATE.** READ CAUTIONS ON INDIVIDUAL CONTAINERS CAREFULLY. KEEP OUR OF REACH OF CHILDREN. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PART A EPOXY

CAUTION! Contents are **COMBUSTIBLE**. Keep away from heat and open flame. **VAPOR HARMFUL**. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

PART B HARDENER

CAUTION! CONTAINS AMINE. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (**NIOSH** approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call physician. If swallowed, do not induce vomiting. Call Poison Control Center, hospital emergency room, or physician immediately. This product must be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.** **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

LIMITED WARRANTY

Seller's and manufacturer's only obligations shall be to replace such quantity of product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential; arising from the applicator's inability to use the product for his/her intended use. The user assumes all risk and liability.

TECHNICAL SERVICES

The information and recommendations set forth in this product data sheet are based on tests conducted by or on behalf of H&C Products Group and The Sherwin-Williams® Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your H&C or Sherwin-Williams representative to obtain the most recent product data sheet.

For technical assistance, call 1-800-867-8246 or visit www.hcconcrete.com.