



H&C® DURA-TOP™ TEXTURE-RESIN & BOND COAT



PRODUCT DESCRIPTION

H&C® DURA-TOP™ Texture Resin & Bond Coat is a polymer ad-mixture which can be used for cohesion (bonding) and strengthening concrete/ masonry surfaces or the liquid additive in H&C DURA-TOP Dual Component Texture. The following procedure outlines H&C DURA-TOP Texture Resin use coating provides an answer to upgrading unsightly concrete surfaces, providing a decorative, strengthened surface which is durable, resists staining, U-V rays, abrasions and mildew.

FEATURES & BENEFITS

- Premium polymer for use in dual component cementitious texture products
- Ideal for driving and walking surfaces
- Excellent adhesion promoter

RECOMMENDED USES

H&C DURA-TOP Texture Resin & Bond Coat is formulated for interior or exterior use on concrete surfaces such as Patios, Walkways, pool decks, concrete driveways and garage floors.

COVERAGE RATES

150-250 sq. ft./gal

Note: Coverage will vary depending on the application method, dilution ratio, porosity and texture of the concrete.

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

H&C DURA-TOP Texture Resin Mix is heat sensitive and should not be applied at temperatures below 50°F or above 90°F. When applied in extremely hot temperatures, mist (no puddling) the surface with water periodically

SURFACE PREPARATION

New Concrete: Allow new concrete to cure at least 28 days. Concrete surfaces should absorb water rapidly (approximately 10 to 15 seconds). To test absorption, spray various sections of the surface to be coated with water. If the water does not absorb, mechanically profile or acid etch the surface using H&C® CONCRETEREADY® Etching Solution, following label instructions. After proper profiling or etching, the surface should feel like 120-grit sandpaper. If not, then profile or etch again. Mechanical abrasion methods may be necessary to achieve proper profile. Do not apply the stain until all surfaces are porous. Prepared concrete must have a pH of 6 to 10.

Existing Concrete: All concrete must be porous, clean, dry and free of grease, oil and other contaminants. Deep scrub the floor using an orbital cleaning machine and black pad. To spot clean, use H&C CONCRETEREADY Cleaner Degreaser, following label directions. If mold, mildew, or fungus is present, kill and remove with a solution of 1 cup household bleach to 1 gallon of water. If surface has been previously painted, remove all old, peeling, flaking paint. In addition to porosity, all concrete requires a profile consistent with the feel of 120-grit sandpaper.

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Repair: For the best repair on vertical and horizontal concrete and masonry surfaces, use H&C CONCRETEREADY Quick Patch and Repair to fill low spots and spalled concrete. Please note that patching compounds will generally be visible through clear coatings.

TOOLS REQUIRED

- 1/2" (13mm) drill
- Drill must be a slow or variable speed drill
- Mixing paddle
- Respiratory Protection
- Eye Protection
- Gloves

APPLICATION INSTRUCTIONS

Apply H&C DURA-TOP Texture Resin & Bond Coat under dry conditions. Air and concrete surface temperatures should be above 50°F and below 90°F for 24 hours following application. When using H&C DURA-TOP Texture Resin & Bond Coat as an adhesion promoter, it can be applied with brush, roller, pump up sprayer or squeegee.

Mixing Instructions: When used in H&C DURA-TOP Dual Component Texture or as a bond coat adhesion promoter, for the stampable overlay, mix 5-gallons of resin to 10-gallons of water (1:2 ratio respectively).

Mix 1 to 1 1/2 gallons of resin/water solution to one 50 lb bag of Mix. Determine the amount of resin needed for the job and mix with water (ie: 5 gal texture resin mix with 10 gal of water). Pour 1 - 1 1/2 gal of resin water mix into separate (clean) pail and add H&C DURA-TOP Texture Resin Mix (always start with the liquids and add the dry goods). Using a 1/2" 5 amp variable speed drill and mud mixer (paddle type), mix thoroughly until proper consistency is achieved (pancake batter). Allow blended mix to set five to ten minutes (in shaded area). The mix will reach an initial false/preset; re-mix, adding small amounts of resin mix until original consistency is achieved.

Bond Coat: Using same ratios and application methods as with H&C DURA-TOP Texture Resin , (5 gallon resin mix with 10 gallons of water, for example), use this Bond Coat to ensure H&C DURA-TOP Stampable Overlay adheres soundly to the original slab of concrete. This bond coat can be applied by a roller, pump spray and airless sprayers. Allow Bond Coat to dry to the touch before applying H&C DURA-TOP Stampable Overlay. This will vary by conditions and regions, but typically about an hour to dry.

CLEANUP

Clean tools and any spills or spatters immediately using soap and warm water. Clean hands immediately after use with a waterless hand cleaner.

PHYSICAL PROPERTIES

Physical Properties and Characteristics		
Property	Test Method	Value
VOC	EPA Method 24	<50 g/L
Finish	ASTM D523	Gloss
Volume Solids	ASTM D 5095	41% ± 2%
Weight Solids	ASTM D 5095	46% ± 2%
Weight per Gallon	ASTM D147	8.81 lb

ORDERING INFORMATION

Clear	Part Number/SMIS
5 gallons	60.100309-20/ 6509-37030

CAUTION

CAUTIONS 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. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **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.