



H&C® DURA-TOP™ CONCRETE RESURFACER MICRO-TOPPING TEXTURE



PRODUCT DESCRIPTION

H&C® DURA-TOP™ Concrete Resurfacer Micro-Topping Texture is a polymer modified, thin, cementitious topping ideal for interior applications. H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture is designed for horizontal surfaces and can be used in conjunction with H&C Decorative Stains and/or Clear Sealers to create a unique architectural smooth finish. H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture is a single component mix design that requires only the addition of potable water. All of the components are pre-blended in the bag making it extremely easy to use. H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture is applied in a single coat, while most thin overlays are applied in 2 or 3 coats. Depending upon the condition of the substrate an additional coat may be required.

FEATURES & BENEFITS

- Can be applied in a single coat application, saving time and money
- Can be used in conjunction with H&C stains to achieve a variety of unique colors and finishes
- Durable and cost-effective solution to replacing old, worn concrete
- Finely blended aggregate for a smooth, aesthetically pleasing finish
- Self bonding, single component, just add water

RECOMMENDED USES

H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture can be used in a variety of interior concrete applications such as hotels foyers, office floors, museums, malls and any other concrete floor restoration projects.

COVERAGE RATES

*One 50 lb. bag of H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture will cover 180-200 sq. /coat- approx. 1/16" - 1/32". Do not exceed 1/8" per placement. 2-coats may be required on rough or pitted surfaces.

Note: Coverage will vary depending on the 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

Do not allow H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture to freeze.

Apply in temperatures between 50°F -90°F (10-32C).

SURFACE PREPARATION

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.

Substrate must be 50°F and rising before installation. Surface at 90°F and above must be cooled before installation. Dampen area with fog tipped sprayer before using, leaving no puddles.

TOOLS REQUIRED

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

APPLICATION INSTRUCTIONS

Mixing: A 1/2" drill and a cage or barrel mixing paddle with a 5-gallon pail are sufficient. The 1/2" drill must be a slow or variable speed drill to control the shear and mixing speed. Add approximately 6 ¼- 7 ½ quarts of water to 50 lbs. (4.-5.7 L) bag of H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture. Batch enough material that can be used in 10 – 20 min. time frame, maintaining a wet edge. **Never add water to dry material. When mixing, use a separate clean 5-gal bucket and always add the dry material to 7-8qts of water**

Application: The prepared surface should be dampened: saturated, surface dry (SSD). Utilizing a "Magic Trowel", squeegee, or steel pool trowel apply material in a fairly thin coat. Exercise care to minimize trowel "tracks". Although any inconsistencies in the surface may be smoothed with a rubbing stone or a steel scraper after material is dry enough to bear foot traffic, the stoned or scraped areas will offer a slightly different texture that may be objectionable if not expected.

Sufficient product may be placed to completely cover the concrete substrate in a single smooth pass if desired. As the surface begins to appear no longer shiny and wet, but rather matte and drier, the applicator may walk back out onto the product in spiked shoes and backing up, steel trowel the surface extremely smooth. Some applicators may elect to apply a second coat to achieve a smoother finish. The second coat may be applied in the same manner as the first coat after product has met initial set.

Cure time: Allow to air cure after application. High heat will accelerate the hydration rate, while cooler temperatures and high humidity will retard hydration rate. Best Results will occur with moderated temperatures and humidity. In moderate conditions, this product should achieve initial set within 8 hours. After sealing, allow approximately 24 hours for foot traffic and another 72 hours for heavy traffic.

Top coating: When the H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture is sufficiently dry (8-24hrs); it can be colored using H&C® INFUSION® Semi-Transparent Stain, Acid Stain or Acetone Dye Stain to create a unique finish. Once the stain process has been completed and the surface is dry, apply 2 coats of H&C Sealer such as CLARISHIELD® Wet Look or PRO SERIES INFUSION Decorative Concrete Sealer.

CLEANUP

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

Disposal: Comply with all applicable local, state and federal rules and regulations for powder, mixed and cured product, the packaging and mixing containers.

Storage: If you utilize a partial bag of H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture, we suggest that you store excess material in a plastic 5 gallon pail with lid. Doing so will increase the shelf life of the H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture and not allow moisture to alter the desired finish when utilized at a later date.

MAINTENANCE

Clean surfaces coated with H&C DURA-TOP Concrete Resurfacer Micro-Topping Texture using a mixture of 3 parts water to 1 part H&C CONCRETEREADY Cleaner Degreaser.

PHYSICAL PROPERTIES

Physical Properties and Characteristics		
Property	Test Method	Value
Drying time	Initial set	8 hours
	Staining	12 hours
	Recoat	8 hours
	Foot traffic	24 hours
	Heavy traffic	72 hours

ORDERING INFORMATION

Size	Part Number/SMIS
50lb bag	60.100909-50/ 6509-22040

CAUTION

WARNING: Harmful if inhaled. Overexposure by inhalation may induce delayed, irreversible upper respiratory injury.

Avoid contact with eyes, skin and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Wash thoroughly after exposure to product. If product does come into contact with eyes, rinse with running water for 15 minutes. Hold eyelids apart while irrigating. Call physician immediately. If product comes in contact with skin, wash affected area thoroughly with pH-neutral soap or mild detergent and water. Seek medical attention for prolonged exposure to wet product. If inhaled, seek medical attention immediately. Do not induce vomiting. If conscious administer copious amounts of drinking water.

Environmental precautions: Prevent entry into waterways.

Cleanup precautions: Dry spills may be scooped up. Attempt to prevent dry product (dust) from becoming air-borne. Wet product may be scraped up and placed in appropriate disposal containers. Allow wet product to dry before disposal. DO NOT FLUSH DOWN DRAINS. This product is considered hazardous by OSHA Hazard Communication Standard. **KEEP OUT OF 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.