



H&C® DURA-TOP™ CONCRETE RESURFACER BROOM FINISH REPAIR



PRODUCT DESCRIPTION

H&C® DURA-TOP™ Concrete Resurfacer Broom Finish Repair is a trowelable or squeegee applied cementitious topping for leveling and texturing both interior and exterior concrete surfaces. When broomed, it creates a texture that resembles freshly poured and broomed concrete.

FEATURES & BENEFITS

- Slopes and fills spalls and low areas
 - High impact and abrasion resistant. Aids in slip resistance
 - Finish coat is ready to be sealed to protect against staining.
 - Interior or Exterior Use
 - Add H&C's DURA-TOP Color Packs for additional color*
- * H&C DURA-TOP Concrete Resurfacer Broom Finish Repair uses a gray portland cement so final color will vary from the color chart.

RECOMMENDED USES

H&C® DURA-TOP™ Concrete Resurfacer Broom Finish repair is formulated for use on driveways, garage floors, patios, lanais, walkways and pool decks.

COVERAGE RATES

One 50 lb. bag of H&C DURA-TOP Concrete Resurfacer Broom Finish Repair covers :
180-200 sq. ft. @ 1/16" - 1/32" 2 coats recommended

Note: Coverage will vary depending on the porosity and texture of the concrete.

LIMITATIONS

- On excessively hot days, it is suggested to use the material only if protected from the direct heat of the sun
- Extreme temperatures interfere with the curing of the material.
- DO NOT apply product when air, mixture or substrate temperature is below 50°F (10 °C) or above 90°F (32 °C)

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 40°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" drill – must be slow or variable speed drill to control the shear and mixing speed
- Mixing paddle
- 5 gallon pail
- Tape and paper to mask all areas for protection
- Concrete Broom

APPLICATION INSTRUCTIONS

Color Pack: Pour contents of H&C DURA-TOP Color Pack into 5 quarts of water prior to addition of H&C DURA-TOP Concrete Resurfacer Broom Finish Repair. Spin the Color Pack in the water using a mechanical mixer to disperse the color evenly in the liquid. Begin adding dry bag product to mixing vessel.

Note: Before application, saturate the surface to be coated with water Saturate Surface Dry (SSD). Very porous concrete surfaces will require several applications of water to insure complete saturation. Ensure surface dry and no puddles prior to application.

Base Coat: Mix water at the rate of 7 – 8 qts. to 1 - 50 lb. bucket. Mechanically mix to a lump-free consistency. Pour mixed material onto the existing damp slab and steel squeegee a tight coat (usually less than 1/16"), depending on desired finish. This will fill in any slight inconsistencies in the concrete surface and leave a flat, even base that is essential for

successful application. The base coat may be broomed immediately after placement, which will give a superior surface for the following finish broom coat to mechanically bond. A very irregular slab with divots and spalls should be patched prior to application of base coat. For slight irregularities do not broom the base coat. The broom will pull away material from the irregularities. Steel-cleated golf shoes or spikes are useful if the slab is so large that it cannot be broomed completely from the sides. As the base coat dries, scrape the surface and sweep and use leaf blower to remove loose material.

Finish Coat: The DURA-TOP broom finish coat is exactly the same as the base coat including the ratios and mixing instructions. Dampen the base coat. Again pour out the mixed material and trowel to approximately 1/16" thickness. The material can be broomed with a concrete broom immediately after placement. For a finer broom finish allow the product to set slightly before brooming. Clean the broom frequently to prevent the finish coat from balling up. Have sufficient extensions for broom handle to prevent inadvertently stepping onto broom finish. Steel-cleated golf spikes or spikes are useful if the slab is so large that it cannot be worked completely from the sides. A piece of plywood to step off the slab with spikes will prevent turf from being tracked back onto the new broom finish. A piece of scrap cardboard to shake off the broom will facilitate easier clean-up. As product dries, scrape and use leaf blower to remove loose material. To complete the installation, DURA-TOP broom finish must be sealed. We recommend two thin coats of H&C® COLRTOP™, H&C® CLARISHIELD® Clear Sealers or H&C® HYDRO-DEFEND® Water Repellents.

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.

MAINTENANCE

Clean surfaces coated with H&C DURA-TOP Broom Finish repair 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
Compressive Strength	ASTM C-109	7 Days 3750 PSI 28 Days 6100 PSI
Flexural Strength	ASTM C-348	9 Days 850 PSI 28 Days 1500 PSI
Abrasion Resistance	ASTM C-944	1 Day 1 gram lost 7 Days 1 gram lost
Tensile Strength	ASTM C-190	1 Day 280 PSI 7 Days 560 PSI 28 Days 890 PSI
Shear Strength	ASTM C-882	7 Days 1200 PSI 28 Days 1695 PSI

ORDERING INFORMATION

Size	Part Number/SMIS
50lb bag	60.100609-50 /6509-22065

CAUTION

CAUTIONS May cause skin or burns or irritation. Inhalation is known to cause cancer or delayed lung injury. Avoid contact with eyes and skin. Wear safety glasses or goggles, protective clothing, shoes and gloves to prevent eye and skin contact. This product contains hydraulic cement. When mixing with water and/or latex, it results in a solution that is highly alkaline and may burn or irritate the eyes or skin. Avoid breathing dust. This product contains crystalline silica sand. Prolonged exposure to crystalline silica dust is known to cause lung cancer or delayed lung injury, including silicosis. Take measures to eliminate or control dust while handling this product. Wear a respirator approved for protection against crystalline silica dust. Warning: This product contains a chemical known to the state of California to cause cancer. First Aid: If ingested, drink one to two glasses of water. Do not induce vomiting unless directed to do so by medical personnel. Get immediate medical attention. In case of contact with eyes and/or skin, flush area with clean water for a minimum of 15 minutes and seek medical attention. Read the safety data sheet (SDS) for this product prior to use. For additional information contact your distributor.

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.hconcrete.com.