



H&C® DURA-TOP™ CONCRETE RESURFACER HEAVY TRAFFIC



PRODUCT DESCRIPTION

H&C® DURA-TOP™ Concrete Resurfacer Heavy TRAFFIC is a proprietary mixture of polymer modified Portland and Calcium Aluminate cements and various sized “graded” sand aggregates. It can be applied to properly prepared, interior or exterior, horizontal concrete or masonry surfaces to create a decorative texture finish.

FEATURES & BENEFITS

- Freeze Thaw Resistant
- Suitable for vehicular traffic
- Abrasion Resistant
- Multiple Overcoat Options
- Interior or Exterior

RECOMMENDED USES

H&C DURA-TOP Concrete Resurfacer Heavy Traffic is formulated for interior or exterior use on concrete surfaces such as pool decks, patios, lanais, walkways, driveways and garage floors.

COVERAGE RATES

One 50 lb. (22.7 kg) bag will cover up to 150 sq. ft.* (13.9 sq m²) in a splatter or knockdown finish.

*Coverage depends upon texture finish desired.

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

-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 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

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 Heavy Traffic. 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.

Mixing: Use a mechanical mixer to combine approximately 5 quarts (4.75L) of water per 50 lb. bag (22.7 kg.). Use only clean tools and water. Gradually stir powder mixture into clean water until a thick workable mixture is obtained. Mix for approximately 3 minutes. Use immediately. Pot life is approximately 20 minutes. Do not add more than 6 quarts (5.67 liters) of water per 50 lb. bag (22.7 kg) of dry mix.

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.

Application: Use a hopper gun and air compressor unit or similar equipment to apply the material. Vary the size of the orifice and air pressure to achieve the desired pattern. Standard air pressure will be between 15 and 35 p.s.i.

Knockdown Finish: When the splatters begin to look dull (as the moisture leaves), use a trowel to wipe down the high spots. Always test an area to confirm that it is the appropriate time and condition for troweling the texture. The pressure exerted on the trowel will determine the coarseness of the finish. Periodically clean bottom of trowel with a damp cloth.

Top Coating: Texture will require a minimum of 12-24 hours before topcoating. If temperatures are below °F (21C) the textured surface will require a minimum of 24 hours drying before application of any topcoat. A sufficiently dried texture system will not leave a thumbnail impression in the surface. Completely brush with stiff broom to knock off burs, sweep clean and then apply an appropriate H&C concrete stain, sealer or coating. H&C® COLORTOP™ Stain & Sealers require 72- 96 hrs curing before vehicle traffic. These wait times can vary depending on the specific topcoat product, be sure to consult the product data page.

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 H&C DURA-TOP Concrete Resurfacer Heavy Traffic 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	28 Days 4278 PSI
Flexural Strength	ASTM C-348	28 Days 995 PSI
Tensile Strength	ASTM C-190	28 Days 440 PSI
Shear Strength(Mosaic Tile)	ANSI 118.4	28 Days 280 PSI
Abrasion Resistance	ASTM D4060	28 Days <.5%

ORDERING INFORMATION

Size	Part Number/SMIS
50lb bag	60.100109-50/6509-20713

CAUTION

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.hcconcrete.com.