

H&C® DURA-TOP® ULTIMACRETE™ U3959 Resurfacer XL



PRODUCT DESCRIPTION

H&C® DURA-TOP® UltimaCrete™ is a cementitious topping for both interior and exterior concrete surfaces. H&C® DURA-TOP® UltimaCrete™ may be applied by compressed air spray equipment (commonly a hopper gun), by trowel, or by squeegee. Restoration, repair, resurfacing, architectural accenting, and surface protection of existing concrete are all realized through H&C® DURA-TOP® UltimaCrete™. This product is packaged as a white cement mix designed to accept H&C DURA-TOP Color Packs to achieve 1 of 30 available colors.

FEATURES & BENEFITS

- Interior/Exterior Use
- Fine texture sand for smooth surface lower profile
- Slower setup time for hot and humid climates
- Accepts H&C DURA-TOP Color Packs
- Can be used in conjunction with H&C® INFUSION®, COLORTOP™, AND ACRYLA-DECK® stains to achieve a variety of unique colors and finishes

RECOMMENDED USES

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

COVERAGE RATES

1 - 50 lb. (22.7 kg) bag of H&C® DURA-TOP® UltimaCrete™ XL
Approximately 200 ft²

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

For use by trained professionals that have read the complete SDS.

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 can 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

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.

If adding a color pack: Pour contents of H&C DURA-TOP Color Pack into 4 quarts of water; add additional water as necessary. For approximately 30 to 60 seconds, spin the Color Pack in the water using a mechanical mixer to disperse the color evenly in the liquid. Prior to addition of H&C® DURA-TOP® UltimaCrete™ begin adding dry bag product to mixing vessel.

Mixing: Use a mechanical mixer to combine approximately 4-5 quarts (4.75L) of water per 50 lb. bag (22.7 kg.). For a base coat use 4.5 – 5 quarts of water. For a knockdown finish add 4-5 quarts. For either base coat or knockdown finish, 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. 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.

Note: Before application, saturate the surface to be coated with water Saturate Surface Dry (SSD). Very porous concrete surfaces can require several applications of water to insure complete saturation. Prior to application, ensure that the surface is dry and without any puddles.

Knockdown Finish - Use a hopper gun and air compressor unit or similar equipment to apply the material.

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 If the application must be interrupted, finish at a natural break.

Top Coating: Texture will require a minimum of 4hrs before topcoating. If temperatures are below 70 °F (21C) the textured surface will require a minimum of 12-24 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.

CLEAN-UP

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® UltimaCrete™ using a mixture of H&C CONCRETEREADY Cleaner Degreaser 1-part to 3-parts water.

PHYSICAL PROPERTIES

Physical Properties and Characteristics		
Property	Test Method	Value
Compressive Strength	ASTM C-109	24 Hours 2200 PSI 7 Days 3800 PSI 28 Days 4260 PSI

ORDERING INFORMATION

Size	Part Number/SMIS
50lb bag	60.101209-50/6510-82083

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.hconcrete.com.