Part # Roll-Top = RT

DESCRIPTION: Concrete Solutions® Roll-Top™ micro topping is a thin concrete restoration product designed to recolor and restore new and existing concrete surfaces without diminishing existing texture. Applied like paint with a roller, Roll-Top provides a uniform look and is able to be integrally colored and/or dyed. Roll-Top micro topping is an ideal restoration and recoloring product to use over top of the StoneCrete™ Concrete Tile, ¼" Stamping, Broom Finish and Spray Texture Systems and it works over most paints and sealers. Roll-Top micro topping must be sealed with two coats of StoneSeal™ before opening to traffic.

TYPICAL USES: Retail shops, hotels, offices, residential and commercial floors, walls, foam shapes, etc.

FEATURES & BENEFITS:
- Easy to use product
- Excellent for restoring faded, stained, or discolored concrete without obscuring texture
- Easily restores StoneCrete concrete tiles and ¼" stamped concrete
- For application over concrete, foam and other sound surfaces
- Can be integrally colored, stained, or dyed
- Durable and flexible with a high bond strength

CHEMICAL PROPERTIES:

Coverage Rate approximately 250 sq. ft. per 1½ gallon kit

MOISTURE VAPOR TESTING: All concrete floors not poured over a proper moisture barrier are subject to possible moisture vapor transmission or hydrostatic pressure problems. These problems can cause a coating system to blister or fail. Before applying a coating system over a concrete floor which is on-grade or below grade, a moisture test is recommended to ensure that moisture content meets industry recommended standards.

SURFACE PREPARATION: Surface must be clean, sound, and free from oil, dirt, waxes, or any other contaminant that may interfere with bonding. Popular methods of surface preparation include grinding, shotblasting, and/or scrubbing with detergent, acid etching, neutralizing, and pressure washing. The type of surface preparation needed will depend on the condition of the substrate and the details of the job. **For commercial and industrial indoor jobs**, grinding is required to prepare the surface. **For residential indoor jobs,** scrubbing with detergent, acid washing, neutralizing, rinsing and wet/dry vacuuming is recommended. **For most outdoor jobs,** the surface can be cleaned by detergent scrubbing, acid washing and pressure washing.

CRACK & JOINT REPAIR: Structural moving cracks should be repaired/treated with Concrete Solutions repair products prior to applying Roll-Top micro topping or any Concrete Solutions polymer concrete products. Please refer to Concrete Solutions repair Instructions for the complete and detailed procedure.

PATCHING AND RESURFACING: Roll-Top micro topping will conform to whatever surface it is applied, showing any imperfections in the existing surface such as holes, spalls, gouges, deterioration or other surface damage. If patching is required, use Concrete Solutions Polymer Patching Mix for repairs $1/16$ – ½" deep to smooth out the surface prior to applying Roll-Top. After patching, it will be necessary to apply a coat of Resurfacer over the entire surface to help smooth out the patches and hide any repairs. Apply the Resurfacer as smooth as possible in the same color as the Roll-Top color to be used. Davis Integral Colors are available in 14 base colors from Rhino Linings and may be used to achieve the 40 standard colors found on the Davis Colors Concrete Color Selector Chart.

MIXING INSTRUCTIONS: Add 2.5 quarts of water and the contents of Part B into the Part A container. Add an additional 16 ounces of water into the Part B container, shake well and add to Part A. Mix thoroughly for 1 minute using a mixing drill. Add integral color. Roll-Top micro topping will work with most concrete integral colors that are made to mix with gray cement. Add one teaspoon or one ounce of color pigment at a time and mix for one minute with a mixing drill at high speed. Repeat this process until desired color is achieved and mixed product matches the desired color on the chart. Note the number of teaspoons or ounces that were used to achieve that color for future batches. Mix the Roll-Top micro topping and color for 3-5 minutes until creamy and smooth. When using powder

pigments, pour the mixed Roll-Top™ micro topping through a nylon paint strainer into a clean bucket to avoid color streaks. Roll-Top micro topping can also be made with white cement and mixed with liquid paint pigments for custom colors.

One pint sample mixing instructions: To make one pint for samples, mix 11 oz. by volume of Part A, 3 oz. of Part B, 7 oz. of water and the desired integral color with a mixing drill. Pour through a nylon paint strainer when using powder pigments. This will make enough to roll two Ashlar Slate Tiles.

APPLICATIONS INSTRUCTIONS: Apply Roll-Top micro topping using a ³/₈" – 1 ¼" nap paint roller depending on the roughness and texture of the surface. For rough surfaces with deep texture or joints the 1¼" nap roller works the best. Brush edges either as you roll or ahead of the roller. It will be dry to touch in approximately 30 minutes. Roll-Top micro topping can be antiqued, dyed, acid-stained, or sealed after 2 – 4 hours. It should be sealed with two coats of sealer before opening to traffic.

APPLYING ROLL-TOP OVER AN EXISTING SEALER: Our recommendation is to remove any existing sealers to get down to the original concrete substrate before applying Roll-Top. If the existing sealer is not peeling or delaminating, it may be possible to go over it by sanding the surface with a floor polisher machine and #80 sandpaper, followed by a prime coat of Concrete Solutions WB Epoxy Clear. WB Epoxy Clear will bond to most sealers, however, going over an existing sealer with WB Epoxy Clear is at the applicator's own risk. Always do a bond test with the WB Epoxy Clear before doing the job. There is no guarantee that WB Epoxy Clear will bond to existing sealers. The best recommendation is to remove the sealer whenever possible. Allow the WB Epoxy Clear to cure at least 2 – 3 hours before applying Roll-Top over it. It is important to apply Roll-Top over the WB Epoxy Clear within 4 – 6 hours to achieve the best bond possible. See the WB Epoxy Clear Technical Data Sheet for mixing and application instructions.

HOW SUPPLIED: Roll-Top micro topping is packaged in 1½ gallon kits.

SLIP/FALL PRECAUTIONS: Rhino Linings® recommends applying Roll-Top micro topping over a textured surface such as Broom Finish and/or using slip resistant granules. This is especially important in areas that may be exposed to water, oil or other spills that may cause a slippery environment. Aluminum oxide granules #80 grit may be broadcast into the Roll-Top micro topping or into the first coat of the sealer to achieve the amount of slip resistance desired. It is the end user's responsibility to determine the suitability of a coating for their particular application. Rhino Linings Corporation representatives will not be responsible for injury incurred in a slip/fall accident.

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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