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 Resinous
 Flooring

MasterTop[®] 1815 SRS RG

Thixotropic methyl-methacrylate based system
 for cove base and vertical applications

FORMERLY SRS DEGADUR HKP

YIELD

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of the substrate. Typically a batch of 1 quart MasterTop SRS 100PAS (.95 L) combined with 60 oz. (1.77 L) with MasterTop SRS DE 133 CQ Colored Quartz will yield 6 to 8 linear feet (1.83 – 2.44 meters) at 4" (10 cm) height and 1/8" (3.1 mm) thickness.

PACKAGING

MasterTop SRS 100PAS: 25 KG Pail (approx. 8 Gallons, 36.4 L)

MasterTop DE 133CQ Quartz Blend: 55 pound bag (25 kg)

MasterTop SRS 100HD / Powder Hardener: 2.5 pound bottle, (1.1 kg) 50 (22.7 kg) pound box

SHELF LIFE

MasterTop SRS 100 PAS Resin:

1 year when properly stored

MasterTop SRS Aggregates:

1 year when properly stored

STORAGE

Keep stored in a cool, dry environment, and out of direct sunlight

COLOR

See Performance Flooring Color Guide for pigment, colored quartz and flake color offerings.

VOC CONTENT

See MasterTop SRS LEED Letter

DESCRIPTION

MasterTop 1815 SRS RG is a thixotropic methyl-methacrylate (MMA) based resin for use with MasterTop SRS flooring systems in vertical and cove applications. When used with MasterTop SRS flooring systems, it allows a seamless, uniform appearance throughout the flooring, cove and wall surfaces for improved aesthetics and ease of cleaning. The quick curing, decorative features of MasterTop 1815 SRS RG is ideal for use in food service, public assembly facilities, pharmaceutical facilities or any facility where minimal downtime is required.

PRODUCT HIGHLIGHTS

- Fully cures in 1 hour reducing downtime for a quick return to service
- Cures in cold temperature environment to meet a wide range of application and timing requirements
- When used with MasterTop SRS flooring, it creates a seamless system that is easy to sanitize, clean and maintain
- Thixotropic formula of MasterTop SRS 100 PAS resin eliminates handling of fine silica to simplify mixing

LOCATION

- Interior and exterior applications
- Please contact Master Builders Solutions Technical Service for exterior environments subject to freeze/thaw.

APPLICATIONS

- Used to resurface and coat cove or vertical areas
- Areas where aesthetics are a concern
- Pharmaceutical processing and research areas
- Hospital and healthcare facilities
- Public assembly facilities and stadiums
- Industrial environments
- Retail and supermarkets

HOW TO APPLY

Every MasterTop SRS system is a multiple component system that utilizes a methyl-methacrylate (MMA) resin. It is critical that the instructions listed in the Safety Data Sheet and on the product label for every component of the system be read, understood and followed.

MMA resins are flammable liquids in their uncured state. Smoking, open flames or sparks should not be permitted during the handling of the product. Explosion safe ventilation must be used during the application to minimize vapor collection in the installation area and to improve overall air quality for the crew. All foodstuffs must be removed during installation of the flooring system.

MasterTop SRS systems are installed by approved contracting firms. The following is only a summary of the installation techniques used by MasterTop SRS approved contractors.

SURFACE PREPARATION

1. Concrete surfaces must be structurally sound and fully cured a minimum of 28 days. Test vapor drive in accordance with ASTM D4263 ASTM F 2170 or ASTM F 1869. For applications outside these recommendations, please consult you Master Builders Solutions Sales Representative or Master Builders Solutions Technical Services for further guidance.
2. Repair concrete as necessary. If any patching is required, MasterTop 1817 SRS PC should be mixed and applied according to the instructions outlined in the MasterTop SRS Installation Guide Installation Guide.
3. Use a commercial degreaser to clean cove areas or oil, grease and other bond inhibiting materials.
4. All surfaces to receive the cove base mixture must be primed prior to the installation with the appropriate MasterTop SRS primer.

Note: Installations over gypsum based substrates or previously coated materials are not recommended. Please consult your Master Builders Solutions Sales Representative or Master Builders Solutions Technical Services for further guidance as to suitable substrates for application of the cove base mixture.

MIXING

(Refer to MasterTop SRS Mixing Chart for exact batch sizes and measurements)

Measure one quart of the MasterTop SRS 100PAS resin into pail and add proper amount of MasterTop SRS 100HD powder hardener. Mix with a spiral blade drill mixer for one minute or until the powder hardener is completely dissolved. Immediately add the proper amount of MasterTop DE133CQ colored quartz to the mixture and mix thoroughly for one minute.

APPLICATION

1. Prime surface to receive MasterTop 1815 SRS RG system and seed with MasterTop DE 133CQ while wet. See individual MasterTop SRS flooring system installation guides for the flooring system to be installed for specific primer instructions.
2. Set a 1/8" termination strip at the desired height of the cove base to help ensure a uniform thickness for the slurry and will help provide a straight termination edge at the top of the base.
3. Once the primer has cured, install cove base mixture onto surfaces using a coving trowel. Apply sufficient pressure to the trowel to avoid any voids or air pockets in the cove base.
4. Allow a minimum of 45 minutes prior to applying any further topcoats. Cove base should be dry and cool to the touch.
5. Do not apply in thicknesses greater than 3/16" (4.8 mm). More than one application is required to achieve an installation of greater than 3/16" (4.8 mm)

CLEAN UP

Clean tools as needed with inhibited MMA, acetone, ethyl acetate or similar solvents. Collect and dispose of all site wastes in compliance with local ordinances for the applicable solvent(s) used.

MAINTENANCE

Regular cleaning and maintenance will prolong the life of all polymer wall, cove and flooring systems, enhance their appearance and reduce the tendency to retain dirt. Follow the Master Builders Solutions Performance Flooring Cleaning and Maintenance Guide to maximize the life of the installation.

FOR BEST PERFORMANCE

- Do not apply at temperatures over 90° F (32° C) or below 32° (0° C).
- Apply MasterTop SRS 71TC over the cured MasterTop 1815 SRS RG for improved chemical, wear and UV resistance.
- Do not use in areas exposed to strong solvents (consult Master Builders Solutions Technical Services for further details regarding the compatibility with specific chemicals).
- Each application must be completely cured prior to the next application.
- MasterTop 1815 SRS RG should be mixed prior to adding Power Hardener as material can settle during storage.
- Protect or remove food items prior to application to avoid any possible contamination.
- Use clean pails when mixing to avoid the possibility of improper curing.
- Proper air flow is critical to properly curing methyl-methacrylate based materials. The use of fans is mandatory where air flow is restricted.
- Master Builders Solutions flooring specialists are available to assist you in the selection of the proper flooring system. Call 1-800-243-6739 for in-house and field technical assistance.
- Make certain the most current versions of product data sheet and SDS are being used; visit www.master-builders-solutions.com/en-us to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by Master Builders Solutions personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

HEALTH, SAFETY AND ENVIRONMENTAL

Health, Safety and Environmental Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting www.master-builders-solutions.com/en-us, e-mailing your request to mbsbscst@mbcc-group.com or calling 1(800)433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

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