

# MasterTop<sup>®</sup> 1817 SRS PC

Fast-curing, solvent free, methyl-methacrylate based polymer concrete for patching and overlays

FORMERLY DEGADUR<sup>®</sup> R17™ POLYMER CONCRETE

## YIELD

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate. Coverage rates are also dependent on the application MasterTop 1817 SRS PC is being used for a patching or overlay application. Please refer to the MasterTop SRS Installation Guide and Mixing Chart for further information.

## PACKAGING

MasterTop SRS 17RS Part A / Liquid component: 4.5 gallon (17 L) pail and 54 gallon (204 L) drum  
MasterTop SRS 17RS Part B / Powder component: 31 lb (14 kg) bag

## COLOR

Concrete gray

## SHELF LIFE

2 years when properly stored

## STORAGE

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

## VOC CONTENT

See MasterTop SRS LEED Letter

## DESCRIPTION

MasterTop 1817 SRS PC is a methyl-methacrylate (MMA) polymer concrete system designed for a multitude of applications that require a fast-curing, high strength material. MasterTop 1817 SRS PC consists of two components: a liquid methacrylate based resin; and powder component consisting of sand, inert fillers, polymers, pigments and powder hardener. MasterTop 1817 SRS PC is used for thin patches, overlays and grouting, or is filled with coarse aggregate and used for deep patches in slabs. The unique fast cure and durability make the MasterTop 1817 SRS PC suitable for concrete restoration projects, including repairing and rebuilding deteriorated concrete surfaces.

## PRODUCT HIGHLIGHTS

- Fully cures in one hour, reducing downtime for a quick return to service
- High strength is ideal for repairing and rebuilding deteriorated concrete surfaces
- Can be installed in a variety of thicknesses, offering design flexibility for numerous applications
- Can be applied at temperatures down to 14° F (-10° C) to meet a wide range of application and timing requirements

## APPLICATIONS

- Industrial flooring overlays/patches
- Repair of cracked, spalled and eroded concrete
- Rebuild joints and deteriorated concrete surfaces
- Shimming and high strength grouting

## SUBSTRATE

- For repairing, rebuilding or overlaying new or existing concrete surfaces

## LOCATION

- Interior and exterior flooring applications
- Exterior or low temperature applications should use MasterTop 1817 SRS PC.

## HOW TO APPLY

Every MasterTop SRS flooring 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.

**TEST DATA**

PROPERTY	RESULTS	TEST METHODS
<b>Compressive Strength, psi</b>	7,000	ASTM C 39
<b>Coefficient Of thermal Expansion (in/in/° F x 10<sup>-6</sup>)</b>	18	ASTM C 531
<b>Compressive Modulus Of Elasticity, psi</b>	0.8 x 10 <sup>6</sup>	ASTM C 469
<b>Tensile Strength, psi</b>	1,000	ASTM D 638
<b>Dielectric Strength, V/mil</b>	350	ASTM D 149
<b>Water Absorption, %/24 hrs</b>	.02	ASTM D 570

**FOR BEST PERFORMANCE**

- 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 curing MMA materials. The use of fans is mandatory where airflow 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](http://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](http://www.master-builders-solutions.com/en-us), e-mailing your request to [mbsbscst@mbcc-group.com](mailto: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.**

**LIMITED WARRANTY NOTICE**

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