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**Resinous  
 Flooring**

# MasterTop<sup>®</sup> SRS 53TC

Industrial strength methyl-methacrylate topcoat resin for pigmented flooring systems

FORMERLY DEGADUR<sup>®</sup> 523

#### YIELD

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate. Please refer to individual flooring system data sheets for coverage rate information.

#### PACKAGING

4.5 gallon (17 L) pails  
 50 gallon (189 L) drum

#### COLOR

Transparent  
 See Performance Flooring Color Chart for pigment color offerings.

#### SHELF LIFE

2 years when properly stored

#### STORAGE

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

#### VOC CONTENT

See MasterTop SRS LEED Letter

#### DESCRIPTION

MasterTop SRS 53TC is a methyl-methacrylate (MMA) topcoat resin for use within the MasterTop SRS flooring systems. MasterTop SRS 53TC is a solvent free, 2-component, 100% reactive resin designed for roller applied coatings and pigmented flooring systems. MasterTop SRS 53TC is a medium viscosity resin that is ideal for use as a pigmented topcoat can be applied in a single application over MasterTop primers or self-leveling systems. MasterTop SRS 53TC is colorless, so the MasterTop PGM 155 Pigment will be necessary to create pigmented flooring systems. MasterTop SRS 53TC can also be used as a topcoat for decorative systems requiring a clear topcoat.

#### PRODUCT HIGHLIGHTS

- Fully cures in one hour, reducing downtime for a quick return to service
- Superior chemical resistance, can withstand exposure to harsh chemicals
- Medium viscosity resin, topcoat that can be applied in a single application
- Can be applied at 30° F (-3.6° C) to meet a wide range of application and timing requirements

#### APPLICATIONS

- Used as a topcoat within the following MasterTop SRS flooring systems:
  - MasterTop 1855 SRS CP
  - MasterTop 1845 SRS CP
  - MasterTop 1820 SRS CP

#### HOW TO APPLY

Please refer to individual flooring system data sheets for application instructions.

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
Percentage Reactive Resin	100%	
Percentage Solids	100%	
Water Absorption, (%/24 hours)	0.05	ASTM D570
Hardness (Shore D)	80	ASTM D2240
Viscosity	300 – 400 cps	ASTM D2393
Taber Abrasion Resistance (mg. Loss, 1000 cycles, CS17 Wheel)	74	ASTM D4060
Compressive Strength	1,700 – 2,100 psi (filled)	ASTM D 695

Please refer to Master Builders Solutions Performance Flooring Chemical Resistance Chart for further information.

### FOR BEST PERFORMANCE

- Not for use at application temperatures over 90° F (32° C).
- Not for use in areas exposed to strong solvents (consult Master Builders Solutions Technical Service).
- Install at recommended thickness to ensure proper curing and leveling.
- Topcoat must be back-rolled immediately to ensure uniform finish.
- 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 air flow is restricted.
- Apply a bond test every 500 – 1,000 ft<sup>2</sup> (46.5 – 93 m<sup>2</sup>) prior to floor installation.
- 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.

### 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

Master Builders Solutions Construction Systems US, LLC (“Master Builders”) warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this

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