



The Chemical Company

Technical Data Guide

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Resinous
Flooring

MasterTop® SRS 61BC

Industrial strength methyl-methacrylate resin
for standard and decorative floors

FORMERLY DEGADUR® R61™

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) pail
47 gallon (178 L) drum

COLOR

Transparent when fully cured. Material has a blue tint when applied. See Performance Flooring Color Guide for pigment color offering.

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 61BC is a methyl-methacrylate (MMA) overlay and coating resin for use within the MasterTop SRS flooring systems. MasterTop SRS 61BC is a solvent free, 2-component, 100% reactive resin that is designed for roller applied coatings and decorative flake or quartz flooring systems. MasterTop SRS 61BC can also be mixed with the MasterTop SRS 100SL to create a self-leveling formulation that reduces application time. MasterTop SRS 61BC is a transparent resin that can be pigmented using MasterTop PGM 155 pigments.

PRODUCT HIGHLIGHTS

- Fully cures in one hour, reducing downtime for a quick return to service
- Great color stability provides superior resistance to ambering
- Can be applied by trowel, roller or self-leveling for installation flexibility
- NSF registered for incidental food contact (R2)
- Can be applied at 24° F (-4° C), can perform installations in cooler temperatures

APPLICATIONS

- Used as an overlay or coating within the following MasterTop SRS flooring systems:
 - MasterTop 1851 SRS CF
 - MasterTop 1853 SRS CQ
 - MasterTop 1855 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)	0.04	ASTM D570
Tensile Strength	1,050 psi (7.3 mpa) 1,450 psi (10 mpa) (filled)	ASTM D638 ASTM D638
Elongation @ Break	34%	ASTM D638
Tensile Modulus	4.4 x 10 ⁵ psi	ASTM D638
Hardness (Shore D)	70	ASTM D2240
Viscosity	230 – 270 cps	ASTM D2393
Electrical Resistivity	10 ¹⁴ vol	ASTM D257
Compressive Strength	6,000 – 8,000 psi (filled) (14.4 – 55.2 mpa)	

FOR BEST PERFORMANCE

- Not for use at application temperatures over 90° F (32° C).
- Not for use in areas exposed to strong solvents (consult BASF Technical Service).
- Install at recommended thickness to ensure proper curing and leveling.
- 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 ft² (46.5 - 93 m²) prior to floor installation.
- BASF 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.BASF.us to verify the most current versions.
- Proper application is the responsibility of the user. Field visits by BASF 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.basf.us, e-mailing your request to basfbcsst@basf.com or calling 1(800)433-9517. Use only as directed. **For medical emergencies only, call ChemTrec 1(800)424-9300.**

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