



The Chemical Company

Technical Data Guide

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Resinous
Flooring

MasterTop® SRS 41P

Low viscosity methyl-methacrylate primer for concrete

FORMERLY DEGADUR® R41

YIELD

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate. Typically, a batch of MasterTop SRS 41P will achieve a coverage rate of 100 ft² (9.3 m²).

PACKAGING

4.5 gallon (17 L) pail
49 gallon (185.5 L) drum

COLOR

Clear

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 41P is a methyl-methacrylate (MMA) primer for use within the SRS MasterTop SRS flooring systems. MasterTop SRS 41P is a solvent free, 2-component, 100% reactive, low viscosity primer. MasterTop SRS 41P has superior penetration and is ideal for adhesion to concrete surfaces. MasterTop SRS 41P is typically used with the MasterTop SRS 103IN to strengthen the curing process of the material penetrating the pores of the concrete substrate. MasterTop SRS 41P should completely seal the concrete surface resulting in a uniform satin finish.

PRODUCT HIGHLIGHTS

- Fully cures in one hour, reducing downtime for a quick return to service
- Deep penetrating primer that ensures excellent adhesion to concrete substrates
- NSF registered for incidental food contact (R2)
- Cures at temperatures down to 14° F (-10° C) to meet a wide range of application and timing requirements

APPLICATIONS

- Used as a primer within the following MasterTop SRS flooring systems:
 - MasterTop 1851 SRS CF
 - MasterTop 1853 SRS CQ
 - MasterTop 1855 SRS CP
 - MasterTop 1841 SRS CF
 - MasterTop 1843 SRS CQ
 - 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)	0.06	ASTM D570
Tensile Strength	3,550 psi (24.5 mpa)	ASTM D638
Elongation @ Break	1.3%	ASTM D638
Tensile Modulus	2.1 x 10 ⁵ psi	ASTM D638
Hardness (Shore D)	75	ASTM D2240
Viscosity	15 – 25 cps	ASTM D2393
Electrical Resistivity	Vol: 2.5 x 10 ¹⁵ ohm/cm Surf: 8 x 10 ¹² ohm	ASTM D257 ASTM D257

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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concerning the use of our products must bear the signature of the BASF Technical Manager.

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