

PRODUCT DATA SHEET

Sikafloor®-51 P Pronto

(formerly MasterTop® SRS 51P)

MEDIUM VISCOSITY METHYL-METHACRYLATE PRIMER FOR POROUS CONCRETE

PRODUCT DESCRIPTION

Sikafloor®-51 P Pronto is a methyl methacrylate (MMA) primer for use within the Sikafloor® Pronto flooring systems. Sikafloor®-51 P Pronto is a solvent-free, 2-component, 100% reactive, medium viscosity primer. Sikafloor®-51 P Pronto has superior adhesion to concrete and is ideal as a primer or sealer for porous concrete surfaces. Sikafloor®-51 P Pronto should completely seal the concrete surface resulting in a uniform satin finish. Sikafloor®-101 AC Pronto accelerator should be utilized with Sikafloor®-51 P Pronto at temperatures below 32°F (0°C). Sikafloor®-102 AP Pronto bond promoter can be utilized with Sikafloor®-51 P Pronto as a suitable primer for tile substrate applications.

USES

Sikafloor®-51 P Pronto may only be used by experienced professionals.

Used as a primer within the following Sikafloor® Pronto flooring systems:

- Sikafloor® Pronto CBT
- Sikafloor® Pronto CBP-CF
- Sikafloor® Pronto CBP-CQ
- Sikafloor® Pronto 1817 PC
- Sikafloor® Pronto RB-1820 CP
- Sikafloor® Pronto RB-1823 CQ
- Sikafloor® Pronto RB-1841 CF
- Sikafloor® Pronto RB-1843 CQ
- Sikafloor® Pronto RB-1845 CP
- Sikafloor® Pronto RB-1851 CF
- Sikafloor® Pronto RB-1853 CQ

- Sikafloor® Pronto RB-1855 CP

CHARACTERISTICS / ADVANTAGES

- Fully cures in one hour, reducing downtime for a quick return to service
- Great adhesion to concrete that is ideal for porous concrete surfaces
- NSF registered for incidental food contact (R2)
- Can be applied down to -20° F (-29° C) to meet a wide range of application and timing requirements.
- Keep stored in a cool, dry environment and out of direct sunlight.
- When used with Sikafloor®-102 AP Pronto, it is the ideal primer for tile applications.

PRODUCT INFORMATION

Active content	Percentage Reactive Resin	(100%)
Packaging	4.5 gallon (17 L) pail 47.5 gallon (180 L) drum	
Shelf Life	2 years when properly stored	
Storage Conditions	Keep stored in cool, dry environment, and out of direct sunlight	
Color	Clear	
Solid content by volume	100%	
Viscosity	220 – 330 cps	(ASTM D2393)

TECHNICAL INFORMATION

Shore D Hardness	83	(ASTM D2240)
Tensile Strength	4,250 psi	(ASTM D638)
Elongation at Break	3%	(ASTM D638)
Water Absorption	<0.1%	(ASTM D570) % per 24 hours

APPLICATION INFORMATION

Coverage	All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of the substrate. Typically, a batch of Sikafloor®-51 P Pronto will achieve a coverage rate of 100 ft ² (9.3 m ²).
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BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTEL at +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

APPLICATION INSTRUCTIONS

For Best Performance

- Not for use at application temperatures over 90° F (32° C).

- Not for use in areas exposed to strong solvents (consult Sika Technical Service).
- Install at the recommended thickness to ensure proper curing and leveling.
- Each application must be completely cured prior to the next application.
- 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 airflow is critical to curing MMA materials. The use of fans is mandatory where airflow is restricted.
- Apply a bond test every 500 – 1,000 ft² (46.5 – 93 m²) prior to floor installation.
- Sika flooring specialists are available to assist you in the selection of the proper flooring system. Visit usa.sika.com for in-house and field technical assistance.
- Make certain the most current versions of the product data sheet and SDS are being used; visit usa.sika.com to verify the most current versions.
- Proper application is the responsibility of the user.
- Field visits by Sika personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

APPLICATION

Please refer to individual flooring system data sheets and Sikafloor Pronto Mixing Chart for batch size and application instructions. When coating over epoxy, Sikafloor®-103 IN Pronto must be used with Sikafloor®-51 P Pronto to ensure proper curing.

Every Sikafloor® Pronto 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.

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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