

PRODUCT DATA SHEET

Sikafloor®-53 TC Pronto

(formerly MasterTop® SRS 53TC)

INDUSTRIAL STRENGTH METHYL-METHACRYLATE TOPCOAT RESIN FOR PIGMENTED FLOORING SYSTEMS

PRODUCT DESCRIPTION

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

USES

Sikafloor®-53 TC Pronto may only be used by experienced professionals.

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

- Sikafloor® Pronto RB-1820 CP
- Sikafloor® Pronto RB-1845 CP
- Sikafloor® Pronto RB-1855 CP

CHARACTERISTICS / ADVANTAGES

- 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, a 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

PRODUCT INFORMATION

Active content	Percentage Reactive Resin: 100%
Packaging	4.5 gallon (17 L) pail 50 gallon (189 L) drum
Shelf Life	2 years when properly stored
Storage Conditions	Keep stored in a cool, dry environment, and out of direct sunlight.
Color	Transparent See Sika Flooring Color Chart for pigment color offerings.
Solid content by mass	100%
Viscosity	300 – 400 cps (ASTM D2393)

TECHNICAL INFORMATION

Shore D Hardness	80 (ASTM D2240)
Abrasion Resistance	Taber Abrasion Resistance 74 mg loss, 1000 cycles, CS17 Wheel (ASTM D4060)
Compressive Strength	1,700 - 2,100 psi (filled) (ASTM D 695)
Water Absorption	0.05% over 24 hours (ASTM D570)

APPLICATION INFORMATION

Coverage	All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of the substrate. Please refer to the individual flooring system data sheets for coverage rate information. Typically, a batch of Sikafloor®-53 TC Pronto will achieve a coverage rate of 80 - 100 ft ² (7.4 - 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 CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

APPLICATION

Please refer to individual flooring system data sheets and Sikafloor Pronto Mixing Chart for batch size and application instructions.

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.

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.
- The topcoat must be back-rolled immediately to ensure a 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 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. Call for in-house and field technical assistance.
- Make certain the most current versions of the product data sheet and SDS are being used.

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.

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com



Product Data Sheet

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