

PRODUCT DATA SHEET

Sikafloor®-17 RS Pronto

(formerly MasterTop® SRS 17RS)

FAST-CURING, SOLVENT FREE, METHYL-METHACRYLATE BASED POLYMER CONCRETE FOR PATCHING AND OVERLAYS

PRODUCT DESCRIPTION

Sikafloor®-17 RS Pronto is a methyl-methacrylate (MMA) polymer concrete system designed for a multitude of applications that require a fast-curing, high strength material. Sikafloor®-17 RS Pronto consists of two components: a liquid methacrylate based resin; a powder component consisting of sand, inert fillers, polymers, pigments and powder hardener. Sikafloor®-17 RS Pronto is used for thin patches, overlays and grouting, or is filled with coarse aggregate and used for deep patches in slabs. The unique fast cure and durability make the Sikafloor®-17 RS Pronto suitable for concrete restoration projects, including repairing and rebuilding deteriorated concrete surfaces.

USES

Sikafloor®-17 RS Pronto may only be used by experienced professionals.

- Industrial flooring overlays/patches
- Repair of cracked, spalled and eroded concrete
- Rebuild joints and deteriorated concrete surfaces
- Shimming and high strength grouting
- Interior and exterior flooring applications
- Exterior or low temperature applications
- For repairing, rebuilding or overlaying new or existing concrete surfaces

CHARACTERISTICS / ADVANTAGES

- Fully cures in one hour, reducing downtime for a quick return to service
- High strength is ideal for repairing and rebuilding deteriorated concrete surfaces
- Can be installed in a variety of thicknesses, offering design flexibility for numerous applications
- Can be applied at temperatures down to 14°F (-10°C) to meet a wide range of application and timing requirements

PRODUCT INFORMATION

Packaging	Part A (Liquid component): 4.5 gallon (17 L) pail and 54 gallon (204 L) drum Part B (Powder component): 31 lb (14 kg) bag
Shelf Life	2 years when properly stored
Storage Conditions	Keep stored in a cool, dry environment, and out of direct sunlight
Appearance / Color	Concrete gray

TECHNICAL INFORMATION

Compressive Strength	7,000 psi	ASTM C 39
Tensile Strength	1,000 psi	ASTM D 638
Coefficient of Thermal Expansion	18 in/in/°F x 10 ⁻⁶	ASTM C 531
Water Absorption	0.02% / 24 hrs	ASTM D 570

APPLICATION INFORMATION

Coverage	All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of the substrate. Coverage rates are also dependent on the application that Sikafloor®-17 RS Pronto is being used for. Please refer to the Sikafloor® Pronto Installation Guide and Mixing Chart for further information.
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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.

LIMITATIONS

- 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 airflow is restricted.
- Sikafloor® Technical Service flooring specialists are available to assist you in the selection of the proper flooring system.
- Make certain the most current versions of product data sheet and SDS are being used.
- Proper application is the responsibility of the user. Field visits by Sikafloor® Technical Service personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

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

APPLICATION

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.

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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