



PRODUCT DATA SHEET

Sikafloor®-100 PAS Pronto

(formerly MasterTop® SRS 100PAS)

THIXOTROPIC METHYL METHACRYLATE BASED RESIN FOR COVE BASE AND VERTICAL APPLICATIONS

PRODUCT DESCRIPTION

Sikafloor®-100 PAS Pronto is a thixotropic methyl-methacrylate (MMA) based resin for use with Sikafloor® Pronto flooring systems in vertical and cove applications. When used with Sikafloor® Pronto flooring systems, it allows a seamless, uniform appearance throughout the flooring, cove and wall surfaces for improved aesthetics and ease of cleaning.

USES

- Interior and exterior applications
- Used to resurface and coat cove or vertical areas
- Areas where aesthetics are a concern
- Pharmaceutical processing and research areas
- Hospital and healthcare facilities
- Public assembly facilities and stadiums
- Industrial environments
- Retail and supermarkets
- Please contact Sika Technical Service for exterior environments subject to freeze/thaw.

CHARACTERISTICS / ADVANTAGES

- Fully cures in 1 hour reducing downtime for a quick return to service
- Cures in cold temperature environments to meet a wide range of application and timing requirements
- When used with Sikafloor® Pronto flooring, it creates a seamless system that is easy to sanitize, clean and maintain
- Thixotropic formula of Sikafloor®-100 PAS Pronto resin eliminates handling of fine silica to simplify mixing

PRODUCT INFORMATION

Packaging	38 lbs in a 5 gallon pail
Shelf Life	12 months
Storage Conditions	Store in original, unopened container, in cool dry storage, away from heat and direct sunlight

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

HOW TO APPLY

Every Sikafloor® Pronto system is a multiple component system that utilizes a methylmethacrylate (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.

Sikafloor® Pronto systems are installed by approved contracting firms. The following is only a summary of the installation techniques used by Sikafloor® Pronto approved contractors.

NOTES ON INSTALLATION

- Do not apply at temperatures over 90°F (32°C) or below 32°F (0°C).
- Apply Sikafloor®-71 TC Pronto over the cured Sikafloor®-100 PAS Pronto for improved chemical, wear and UV resistance.
- Do not use in areas exposed to strong solvents (consult Sika Technical Services for further details regarding the compatibility with specific chemicals).
- Each application must be completely cured prior to the next application.
- Sikafloor®-100 PAS Pronto should be mixed prior to adding powder hardener as material can settle during storage.
- 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 properly curing methylmethacrylate based materials. The use of fans is mandatory where air flow is restricted.
- 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 Sika personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

SURFACE PREPARATION

1. Concrete surfaces must be structurally sound and fully cured a minimum of 28 days. Conduct quantitative moisture testing in accordance with ASTM-F2659-10 utilizing Tramex type impedance moisture meter. Maximum acceptable test result is 5%. If in excess of stated value please contact your Local Sikafloor Technical Specialist or Sika Technical Support.
2. Use commercial degreaser to clean cove areas for oil, grease and other bond inhibiting materials.
3. All surfaces to receive the cove base mixture must be primed prior to the installation with the appropriate Sikafloor® Pronto primer.

Note: Installations over gypsum based substrates or previously coated materials are not recommended. Please consult your Sika Sales Representative or Sika Technical Services for further guidance as to suitable substrates for application of the cove base mixture.

MIXING

Refer to the Sikafloor® Pronto Mixing Chart for exact batch sizes and measurements

Measure one quart of the Sikafloor®-100 PAS Pronto resin into pail and add proper amount of Sikafloor®-100 HD Pronto powder hardener. Mix with a spiral blade drill mixer for one minute or until the powder hardener is completely dissolved. Immediately add the proper amount of Sikafloor® Pronto Decorative Quartz TG colored quartz to the mixture and mix thoroughly for one minute.

APPLICATION

1. Prime surface to receive Sikafloor®-100 PAS Pronto and seed with Sikafloor® Pronto Decorative Quartz TG while wet. See individual Sikafloor® Pronto flooring system installation guides for the flooring system to be installed for specific primer instructions.
2. Set a 1/8" termination strip at the desired height of the cove base to help ensure a uniform thickness for the slurry and will help provide a straight termination edge at the top of the base.
3. Once the primer has cured, install cove base mixture onto surfaces using a coving trowel. Apply sufficient pressure to the trowel to avoid any voids or air pockets in the cove base.
4. Allow a minimum of 45 minutes prior to applying any

further topcoats. Cove base should be dry and cool to the touch.

5. Do not apply in thicknesses greater than 3/16" (4.8 mm). More than one application is required to achieve an installation of greater than 3/16" (4.8 mm).

CLEANING OF TOOLS

Clean tools as needed with inhibited MMA or appropriate solvent. Collect and dispose of all site wastes according to appropriate regulations.

MAINTENANCE

MAINTENANCE

Regular cleaning and maintenance will prolong the life of all polymer wall, cove and flooring systems, enhance their appearance and reduce the tendency to retain dirt. Follow the Sikafloor® Pronto Cleaning and Maintenance Guide to maximize the life of the installation.

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
Sikafloor®-100 PAS Pronto
June 2024, Version 01.01
020816140010000011

Sikafloor-100PASPronto-en-US-(06-2024)-1-1.pdf

