

SYSTEM DATA SHEET

Sikafloor® Pronto CBT

METHYL-METHACRYLATE BASED TROWELED COVE BASE

PRODUCT DESCRIPTION

Sikafloor® Pronto CBT is a methylmethacrylate (MMA) troweled cove base and wall system for use in areas that require a fast curing solution, with a decorative tie in to the Sikafloor® Pronto RB-1853 CQ and Sikafloor® Pronto RB-1843 CQ floor systems. The quick installation process makes this system ideal for a wide variety of food service, health care, pharma/bio-tech facilities and retail environments, where minimal down time is required. Sikafloor® Pronto CBT is an impervious, seamless cove base and wall system, where dirt and spills will remain on the surface and are easily removed by most regular cleaning procedures. Additionally, Sikafloor® Pronto CBT never needs to be waxed or stripped, dramatically reducing your cleaning costs. The unique chemistry of the Sikafloor® Pronto CBT system provides a full cure in one hour or less for each component, provides a permanent chemical bond between each coat, and ties directly into the flooring system.

USES

Sikafloor® Pronto CBT may only be used by experienced professionals.

- Used to resurface and coat concrete coves and walls
- Use where aesthetics and texture are a concern
- Pharmaceutical and Bio-Tech research
- Life Sciences
- Retail and Supermarkets
- Hospitals, health care, and medical research facilities
- Public assembly facilities and stadiums
- Restaurants - certified usage for the food industry and commercial kitchens
- Freezers, coolers, and refrigerated storage

- Restrooms, showers, lockers, and hydrotherapy facilities
- Wet process areas
- Packaging rooms
- Breweries and wineries

CHARACTERISTICS / ADVANTAGES

- Fully cures in one hour, reducing downtime for a quick return to service
- Seamless, impervious cove/wall system that is easy to sanitize, clean and maintain
- UV resistance that provides long term color performance
- Troweled decorative quartz provides an aesthetic smooth surface
- Excellent chemical resistance for wide range of applications
- Cures at temperatures down to 24°F (-4°C) to meet a wide range of application and timing requirements

PRODUCT INFORMATION

Packaging	Refer to the current price list for available packaging variations.
Shelf Life	Always refer to the best-before date of the individual packaging.
Storage Conditions	For best performance, keep material stored indoors in a cool (below 80°F), dry environment, protected from damage and moisture, out of direct sunlight. Do not store near open food, open flame or ignition source. Read and understand all product labels and Safety Data Sheets prior to use.

TECHNICAL INFORMATION

Abrasion Resistance	Sikafloor®-71 TC Pronto 54 mg loss, 1000 cycles, CS17 wheel	(ASTM D4060)
Service Temperature	180°F (83°C)	
Water Absorption	Sikafloor®-51 P Pronto <0.1%/24 hours	Sikafloor®-71 TC Pronto 0.04%/24 hours (ASTM D570)

SYSTEM INFORMATION

Color	Transparent matte finish topcoat over cove base and walls when fully cured
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APPLICATION INFORMATION

Coverage	Description	Products	Approximate Sq.Ft/batch
	Primer	Sikafloor®-51 P Pronto +	100/gal
	Cove Base	Sikafloor®-103 IN Pronto Sikafloor®-100 PAS Pronto +	7 linear feet at 4" high and 1/8" thick per batch
	First Topcoat	Sikafloor® Pronto Decorative Quartz TG Sikafloor®-71 TC Pronto	100 - 125/gal
	Second Topcoat	Sikafloor®-71 TC Pronto	100 - 125/gal
	Quartz Blend	Sikafloor® Pronto Decorative Quartz TG	1.36 ft ² /pound

All coverage rates are approximate. Coverage rates will vary with the desired texture and porosity of substrate.

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

SUBSTRATE PREPARATION

HOW TO APPLY

Every Sikafloor® Pronto cove base and wall system is a multiple component system that utilizes a methyl-

methacrylate (MMA) resin. It is critical that the Material Safety Data Sheet for every component of the system is read and understood. MMA resins are flammable liquids in their uncured state. Smoking, open flames, or sparks should not be permitted while handling 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.

SURFACE PREPARATION

1. Concrete surfaces must be clean and sound. Remove all dust, dirt, existing paint films, efflorescence, exudates, laitance, forms oils, hydraulic or fuel oils, brake fluid, grease, fungus, mildew, biological residues or any other contaminants which may prohibit good bond.
2. Use a commercial degreaser to clean floors, cove and walls of oil, grease, and other bond-inhibiting materials.
3. Walls must be structurally sound. Remove curing and parting compounds and other surface hardeners and prior floor/wall coatings. Prepare the vertical surface by any appropriate mechanical means, in order to achieve a profile equivalent to ICRI-CSP 3-6 as described by the International Concrete Repair Institute. Do not use acid etching for surface preparation. Do not use any method that will fracture the concrete. The compressive strength of the concrete substrate should be at least 3,625 psi (25 MPa) and a minimum of 218 psi (1.5 MPa) in tension at the time of application.
4. Repair concrete block and vertical wall surface as necessary. Contact Sika Technical Service for a recommendation. If any patching is required, Sikafloor® Pronto 1817 PC or Sikafloor®-100 PAS Pronto should be mixed and placed according to the Sikafloor® Pronto Mixing Chart.
5. Vertical cracks wider than 1/16" (1.6 mm) should be "chased out" and opened during surface preparation. Any existing vertical joints should be treated according to project specifications. Please refer to Joint Repair Guide for further information.

MIXING

(Refer to Sikafloor® Pronto Mixing Chart for exact batch

sizes and measurements)

SIKAFLOOR®-51 P PRONTO PRIMER

Measure resin and Sikafloor®-103 IN Pronto into pail and add proper amount of Sikafloor®-100 HD Pronto. Mix with drill mixer for 15 - 30 seconds or until the Sikafloor®-100 HD Pronto is completely dissolved. NOTE: Sikafloor®-41 P Pronto may be a suitable substitute for priming cove base and wall.

SIKAFLOOR®-100 PAS PRONTO TROWELED COVE BASE

Measure resin and Sikafloor®-100 HD Pronto into a 1 gallon pail. Mix using a spiral mixing blade for 15 - 30 seconds. Add proper amount of Sikafloor® Pronto Decorative Quartz TG and mix for an additional 30 - 40 seconds, until a homogeneous mixture is obtained. NOTE: Do not use broadcast quartz or 30 mesh or finer silica as it will inhibit the cure.

SIKAFLOOR®-71 TC TOPCOAT

Measure resin into pail and add proper amount of Sikafloor®-100 HD Pronto. Mix with drill mixer for 15 - 30 seconds or until the Sikafloor®-100 HD Pronto is completely dissolved.

Note: After mixing, apply immediately. There will be 7 to 15 minutes of working time, dependent on temperature and the amount of time the material sits in the bucket.

APPLICATION

PRIMER

Apply the properly mixed Sikafloor®-51 P Pronto resin to the properly repaired concrete or approved cove base substrate at approximately 100 ft² (9.3 m²) per gallon. Lightly broadcast Sikafloor® Pronto Decorative Quartz TG in to wet primer for additional grip/tooth for trowel coat. Allow primer to cure tack-free to an even, satin-like gloss. Re-prime any dry spots. A second prime coat may be required.

SCRATCH COAT

Any rough areas, depressions or block grout lines less than 1/4" (6.4 mm) should receive a scratch coat of Sikafloor®-100 PAS Pronto to smooth and level these areas. Any drips or ridges over 1/16" (1.6 mm) should be ground or sanded smooth. Allow to cure.

NOTE: Clean cove tools and trowels as needed with Sikafloor®-100 CLN Pronto. Dry tools before applying more product. Do not use solvents, i.e. Sikafloor®-100 CLN Pronto, xylene, acetone, rubbing alcohol to strike

MMA cove base. This will inhibit the resin and prevent it from curing.

COVE BASE

Apply the properly mixed Sikafloor®-100 PAS Pronto resin at 7 linear feet at 4" high and 1/8" thick per batch. Remove any excess resin at the bottom of the cove base. Allow base material to cure. Stone rough areas and follow with a thorough vacuum to remove all dust and excess quartz.

TOPCOAT (1ST COAT)

Apply the properly mixed Sikafloor®-71 TC Pronto topcoat at approximately 100 - 125 ft² (9.3 - 11.6 m²) per gallon. Allow to cure. Sand first topcoat with stone or sanding disk prior to next topcoat. Follow with a brush and tight vacuum.

TOPCOAT (2ND COAT)

Apply second coat of properly mixed Sikafloor®-71 TC Pronto at approximately 100 - 125 ft² (9.3 - 11.6 m²) per gallon. Allow to cure.

DRYING TIME

All components of the Sikafloor® Pronto CBT flooring system fully cure within one hour when properly installed.

CLEANING OF TOOLS

Clean tools as needed with Sikafloor®-100 CLN Pronto. Collect and dispose of all site wastes according to appropriate regulations.

MAINTENANCE

MAINTENANCE

Regular cleaning and maintenance will prolong the life of all polymer flooring systems, enhance their appearance and reduce any tendency to retain dirt. Follow the Sika Maintenance Guide to maximize the life of the floor.

FOR BEST PERFORMANCE

- Please contact Sika Flooring Technical Service for applications over 90°F (32°C).
- Not for use in areas exposed to strong solvents (consult Sika Flooring Technical Service).
- Install at recommended thickness to ensure proper curing and leveling.
- Topcoat must be back-rolled immediately to ensure uniform finish.

- 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. Swap out as needed.
- Proper air flow 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.
- 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.

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**

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