BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor®-15 Pronto

Methyl Methacrylate Flexible Basecoat Screed System

PRODUCT DESCRIPTION

Sikafloor®-15 Pronto is a three- part, fast curing, self-smoothing screed coating based on reactive acrylic resins. Sikafloor®-15 Pronto is formulated with increased flexibility for increased resistance to thermal shock and impact. Sikafloor®-15 Pronto can be used as a binder for levelling mortars and also serves as a receiver coat for decorative quartz broadcast systems. Sikafloor®-15 Pronto can also be used without filler as a flexible membrane.

USES

Sikafloor®-15 Pronto may only be used by experienced professionals.

- Formulated for increased resistance to thermal shock and impact resistance.
- Automotive Dealerships
- Food & Beverage Processing
- Manufacturing
- Animal Clinics
- Pharmaceutical Facilities
- Supermarkets
- Coolers and Freezers
- Retail Sales Spaces
- Sports Facilities, Concourses, Locker rooms, Concessions

CHARACTERISTICS / ADVANTAGES

- Very fast curing, even at low temperatures
- Good mechanical and chemical resistance
- Elastomeric
- Solvent free
- Part of a complete modular system

PRODUCT INFORMATION

Chemical Base	Before applying for protection against specific chemical environments, consult Sikafloor Pronto Chemical Resistance Guide or contact Sika Technical Services.	
Packaging	Part R:	5 gallon (18.9L.) 49 gallon. (185L)
	Part H:	50 lbs. (22.7 kg.) packaged cardboard box.
	Sika®-Pronto Filler	40 lb. (18 kg). bags
	Sika®-Pronto Pigment	50 lb. (22.7 kg) and 15 lb. (6.8 kg.) pails.
Appearance / Color	Part R:	transparent, liquid
	Part H:	white, powder
	Sika®-Pronto Filler	white, fine aggregates
	Sika®-Pronto Pigment	16 standard colors available with use of Sikafloor Pronto Pigments
Shelf Life	Maximum 12 months in unopened containers @ 65°F - 75°F (18.3°C - 23.8°C)	
Storage Conditions	12 month from date of production if stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +41°F (5°C) and +86°F (30°C).	
Density	8.15 lbs./gal. (0.98kg/L)	ASTM D1475 at 73°F(23°C) and 50% R.H

TECHNICAL INFORMATION

Compressive Strength	2000-3000 psi. (14-21 N/mm2)	AASTM C109 at 73°F(23°C) and 50% R.H
Flexural Strength	800 psi. (5.4 N/mm2)	ASTM D790 at 73°F(23°C) and 50% R.H
Tensile Strength	1200 psi. (8.2 N/mm2)	ASTM D638 at 73°F(23°C) and 50% R.H
Chemical Resistance	Resistant to many chemicals. Contact Sika technical service for specific information.	
Water Absorption	0.6% weight gain	ASTM D570 at 73°F(23°C) and 50% R.H

APPLICATION INFORMATION

Coverage

For use as a Self Leveling Screed Coating:
Two gallons (7.6L) Sikafloor Pronto 14 Part R with 1 bag (40 lbs; 18kg) Sika Floor Pronto Filler has a theoretical coverage of 45 Sq.ft2/gal (4.17m2) at a thickness of 1/8" (3 mm).

As a roll on basecoat, (without the addition of Sikafloor Pronto Filler) minimum thickness of 100 sq.ft/gal (2.45 sq.m/L).

As a flexible or waterproof membrane application thickness is 40 ft2/gal (0.98 l/m2).

Ambient Air Temperature

32 °F (0°C) min. / + 86 °F (30 °C) max.

Relative Air Humidity

~80 % r.h. max.

Dew Point

The substrate and uncured floor must be at least 5 °F (-15 °C) above dew point to reduce the risk of condensation or blooming on the floor finish.

Substrate Temperature

32 °F (0°C) min. / + 86 °F (30 °C) max.

Substrate Moisture Content

≤ 4 % pbw moisture content.
Test method: Tramex CMEX II

Pot Life

Temperature	Time
75°F (23.8°C)	~10-15 minutes

Cure Time

Temperature	Minimum	Maximum
75°F (23.8°C)	35 minutes	60 minutes

Waiting / Recoat Times

Before overcoating Sikafloor®-15 Pronto allow:

Temperature	Minimum	Maximum
75°F (24°C)	35 minutes	60 minutes

Critical Recoat Time
Sikafloor Pronto MMA products do not have a maximum re-coat window. It is critical however that the primer remain clean and traffic be prohibited before the subsequent coating is applied.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Concrete surfaces must be clean and sound. Remove all dust, dirt, existing paint films, efflorescence, exudates, laitance, form oils, hydraulic or fuel oils, brake fluid, grease, fungus, mildew, biological residues or any other contaminants which may prohibit a good bond.

Prepare the surface by any appropriate mechanical means, in order to achieve a profile equivalent to ICRI - CSP 3-6. The compressive strength of the concrete substrate should be at least 3,625 psi (25 MPa) at 28 days and a minimum of 218 psi (1.5 MPa) in tension at the time of application. Refer to Sikafloor MMA detail drawings for specfic termination, joint, and cove base details.

Repairs to cementitious substrates, filling of blowholes, leveling of irregularities, etc. should be carried out using an appropriate Sika profiling mortar. Contact Sika Technical Service for a recommendation.

Refer to Sikafloor MMA detail drawings for specfic termination, joint, and cove base details.

Priming
Sikafloor®-13 Pronto Primer must be used prior to the application of Sikafloor®-15 Pronto. Consult Sikafloor®-13 Pronto Technical Data Sheet for specific instructions on priming.

MIXING

Always pre-mix pails or drums of Sikafloor Pronto Part R products prior to pouring off into smaller mixes. Failure to do so will result in improper cure. It is important to remember that this primer has a limited pot life.

Ensure that all surface preparation is complete and application equipment is in good working order before starting the mixing sequence.

If a color is desired or specified, add 2-4 fl. oz. of Sikafloor Pronto Pigment per gallon of Sikafloor Pronto 15 Part R. (59 ml/ 3.78L). Mix pigment thoroughly with a drill (350- 450 rpm) and jiffy mix paddle until color is uniform in the pail prior to adding the Sikafloor®-15 Pronto Part H as prescribed below. Sikafloor®-15 Pronto Part R must be mixed with appropriate amounts of Sikafloor®-15 Pronto Part H with a drill (300-450 rpm.) and jiffy mix paddle for a minimum of 60 seconds immediately before application.

Sikafloor Pronto Hardener Dosing Chart

Use the below amounts of Pronto Hardene per one (1) gallon of Sikafloor®-15 Pronto in accordance with the temperature as shown below.

Temperature	Pronto Hardener per gallon
41 - 50°F (5-10 °C)	12 -8 fl.oz.
50 - 59°F (10 -15°C)	8 -6 fl.oz.
59 - 68-F (15-20°C)	6-4 fl.oz.
68 - 77-F (20-25°C)	4-3 fl.oz.
77 - 86F (25-30C)	3-2 fl. oz.

The recommended mix design for the Sikafloor®-15 Pronto self leveling screed system is two gallons (7.6 L) of properly cataylzed Sikafloor®-15 Pronto Part R and one bag (40 lbs; 18kg) of Sikafloor Pronto Filler.

APPLICATION

In order to ensure optimum curing during internal applications the air must be exchanged at least seven times per hour. During application and curing use a forced fresh air supply/exhausting of fumes with appropriate equipment (explosion proof).

Systems based on reactive acrylic resins exhibit a characteristic odor during application and prior to achieving full cure. Once fully
cured they are odor free. All unpackaged goods should be removed from the work area during application. Do not apply in the presence of foodstuffs. Any foodstuffs, whether packaged or not, should be completely isolated from the work area during the application process and until the products are fully cured.

Begin application at one end of the room by pouring entire contents of mixed material in the form of a ribbon on the surface to be coated parallel with the starting point.

Cut in using brush or hand trowels. Use a gauge rake to spread the material. Use an 1/8'' gauge Cam rake (#2) to place the material, moving from left to right on the floor. Immediately spike roll the placed material to release any trapped air and to assist in leveling the material. The material cures very quickly and therefore application must be carried out steadily. Maintain a wet edge during application to ensure a seamless finish.

Wet material. A multi colored surface can be obtained by broadcasting with colored-quartz or colored-vinyl flakes. (The compatibility of the colored-flakes to Sikafloor Pronto systems must be checked prior to application). Broadcast aggregate evenly by throwing upward, simulating a "rain fall" pattern into the slurry. Allow slurry to thoroughly cure and cool down (approx. 1 hour).

Freshly applied Sikafloor Pronto 15 must be protected from damp, condensation and water for at least 1 hour. Remove excess aggregate with a good quality, stiff synthetic fiber broom. or carefully vacuum entire area paying close attention to perimeter and corners.

LIMITATIONS

- Never apply in direct sunlight or at surface temperatures above 90° F (32°C) or below 30° F (-1°C).
- Constant exposure to hot water should not exceed 185° F (85° C).
- For slab on grade applications a water vapor barrier membrane should be in place.
- Maximum relative humidity: RH levels are not an issue provided surface temp is at least 5° (3°) above the dew point and surface is clean and dry.
- Conduct quantitative anhydrous calcium chloride testing in accordance with ASTM-F1869.
- Maximum acceptable test result is 3 pounds per 1,000 ft2 per 24 hours.
- Determine the surface moisture content by using an impedance moisture meter designed for use on concrete as detailed in ASTM E-1907.
- Acceptable test results shall be 4% by mass or less.
- If over, use Sikafloor 22 NA PurCem or Sikafloor-24 NA PurCem, broadcast to rejection with Sikadur 508 aggregate to a minimum thickness of an 1/8''. Refer to specific Technical Data Sheets for instructions.
- Do not thin this product.

Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.sikafloorusa.com. Proper material application is the responsibility of the user. Site visits made by Sika personnel are for making technical recommendations only and not for supervising or providing quality control.

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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.

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