

PRODUCT DATA SHEET

SikaEmaco[®] P 130

(formerly MEmaco P 130)

FAST-SETTING EPOXY PRIMER FOR CONCRETE SURFACES

PRODUCT DESCRIPTION

SikaEmaco[®] P 130 is a two-component low viscosity 100% solids fast-setting epoxy primer for concrete. It is used to consolidate concrete surfaces and enhance the adhesion of Sika epoxy coatings.

USES

- Horizontal surfaces
- Interior
- Before applying Sikagard[®]-170 CR and Sikagard[®]-100 CR
- For priming metal (repaired to near-white metal conditions according to SSPC-SP10)

Substrates

- Concrete
- Masonry
- Metal

CHARACTERISTICS / ADVANTAGES

- Low viscosity ensures maximum penetration into concrete
- Excellent adhesion provides secure bonds to concrete
- Prepackaged kits for easy mixing and application
- Fast setting, ready for protective coatings in 3–4 hours
- Moisture-insensitive products can be applied to either dry or damp surfaces
- 100% solids with no solvents, zero VOCs, and low odor

PRODUCT INFORMATION

Packaging	3 Gal (11.4 L) Kits <ul style="list-style-type: none"> ▪ Part A: 2 gal (7.6 L) ▪ Part B: 1 gal (3.8 L)
Shelf Life	2 years when properly stored
Storage Conditions	Store and transport in unopened containers in a cool, clean, dry area. Keep from freezing.
Solid content by volume	100%
Viscosity	800 mixed, cps, at 77° F (25° C)

APPLICATION INFORMATION

Mixing Ratio	Component 'A': Component 'B' = 2:1 by volume.	
Coverage	150–200 ft ² per gal(3.7–7.4 m ² /L), depending on substrate texture and porosity	
Pot Life	Temperature	Minutes
	50° F (10° C)	30
	70° F (21° C)	15
	85° F (29° C)	5
Cure Time	Temperature	Hours until Tack Free
	50° F (10° C)	4-6
	70° F (21° C)	2-4

Test results are averages obtained under laboratory conditions. Expect reasonable variations.
All application and performance values are typical for the material, but may vary with test methods, conditions, and configurations. Unless otherwise noted, test samples were cured 7 days at 73° F (23° C) and 50 % relative humidity

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

- The minimum air, substrate, and material application temperature is 50° F (10° C). Lower temperatures will significantly slow curing time.
- Do not apply if the temperature exceeds 90° F (32° C). Large quantities of mixed material and high ambient temperatures will reduce pot life significantly.
- For professional use only; not for sale to or use by the general public.
- Make certain the most current versions of the 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 are not for supervising or providing quality control on the jobsite.

SUBSTRATE PREPARATION

1. Concrete substrates must be fully cured (28 days),

clean, and sound; they can be dry or damp but with no standing water.

2. Remove all grease, oil, chemical contamination, dust, laitance, and loose concrete by mechanical profiling to ICRI CSP 4 to provide a sound substrate.
3. Complete all necessary repairs prior to application and allow the surface to reach loadbearing strength.

MIXING

1. Precondition all components to 70° F (21° C) for 24 hours before using.
2. If the entire kit of SikaEmaco® P 130 will not be used, smaller quantities can be mixed in the ratio of 2:1 (A:B). Mix ratios are critical; measure carefully.
3. Premix each of the components thoroughly, until homogeneous, using a Jiffy paddle attached to a low-speed (400–600 rpm) heavy-duty drill.
4. In a separate mixing vessel add Part A, then Part B. Stir until uniform in color without streaks, approximately 3 minutes. Scrape the sides of the containers, removing as much material as possible to ensure correct mixing ratios.

APPLICATION

1. Brush, squeegee, or roll the mixed SikaEmaco® P 130 onto the prepared concrete surface. Take care to avoid puddling in depressions.
2. If the primer is absorbed within 30 minutes, apply a second coat. If the primer becomes contaminated, it must be sanded and reapplied.
3. Apply MBT protective coatings after the primer is tack-free—approximately 3–4 hours. Maximum recoat time is 48 hours.

CLEANING OF TOOLS

- Clean equipment immediately after use with xylene.
- Clean hands and skin immediately with soap and water, industrial hand cleaner, or denatured alcohol.

- Cured material must be removed mechanically.

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.**

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Product Data Sheet

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