

PRODUCT DATA SHEET

Sikafloor® Proseal Pro

CURING AND SEALING COMPOUND FOR CONCRETE FLOORS

PRODUCT DESCRIPTION

Sikafloor® Proseal Pro is a one part low odour, clear acrylic resin polymer solution used to cure, harden and seal fresh or hardened concrete.

USES

Sikafloor® Proseal Pro is used for curing and sealing of fresh concrete floors.

Provides curing and sealing for Sikafloor® dry shake hardeners.

Suitable for exterior and interior application.

CHARACTERISTICS / ADVANTAGES

- One coat application
- Helps control dusting for both new and existing concrete floor surfaces
- Effectively cures and seals concrete surfaces in a single, economic operation
- Non yellowing
- Easy application by spray or roller

APPROVALS / STANDARDS

Conforms to the requirements of ASTM C-309 for curing liquids type 1, ASTM C-156 for water retention and ASTM D-4060 for improvement of abrasion resistance

PRODUCT INFORMATION

Chemical Base	Acrylic resin polymer in solution.
Packaging	25 l metal pails and 200 l metal drums.
Appearance / Colour	Clear liquid
Shelf Life	12 months
Storage Conditions	Store properly in original, unopened and undamaged sealed containers, in dry conditions at temperatures between +5 °C and +25 °C. Protect from frost.
Density	~ 0.9 kg/l (at +20 °C)

SYSTEM INFORMATION

APPLICATION INFORMATION

Consumption	0.1 - 0.2 l/m ² /coat. (5 - 10 m ² /l/coat) To conform with ASTM C-309, ensure a total of 0.2 l/m ² is applied. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage, etc.
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Ambient Air Temperature	+5 °C min. / +30 °C max.	
Relative Air Humidity	80 % r.h. max.	
Dew Point	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.	
Substrate Temperature	+5 °C min. / +30 °C max.	
Waiting Time / Overcoating	Allow previous coats to become tack free before applying additional coats.	
	Substrate temperature	Foot traffic
	+10 °C	~ 16 hours
	+20 °C	~ 8 hours
	+30 °C	~ 6 hours
		Full cure
		~ 24 hours
		~ 20 hours
		~ 16 hours
	Times are approximate and will be affected by changing substrate and ambient conditions, particularly temperature and relative humidity.	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Fresh concrete

Surface must be free of bleed water and of sufficient strength to withstand finishing operations. The concrete must be prepared by suitable power or manual floating / tamping techniques.

Hardened / old concrete

The substrate must be prepared by suitable mechanical preparation techniques such as high-pressure water jetting or abrasive blastcleaning. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum. If in doubt apply a test area first.

MIXING

Sikafloor® Proseal Pro is supplied ready for use. Stir thoroughly before use. Prior to use mix for 2 minutes with an electric stirrer with low speed (~ 300 rpm).

APPLICATION

For fresh concrete, apply immediately after finishing techniques have been completed. Apply in a continuous even film by low-pressure spray unit. The suitability of spraying equipment must be confirmed by trials. Application also possible by brush or roller. To achieve the highest visual aesthetics and performance, a second coat is recommended. Wait for first coat to dry tack free before applying a second coat.

CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Thinner C immediately after use. Hardened / cured material can only be removed mechanically.

LIMITATIONS

- In hot weather (above +25 °C) store Sikafloor®

Proseal Pro in a cool place prior to use.

- In low temperatures (below +5 °C) the product may thicken and be difficult to spray.
- Do not use sprayers, which have been used to spray silicones or release agents.
- Do not mix differing formulations of Sika® or other curing membranes.
- Ensure spraying equipment is cleaned thoroughly before use and residues of previous membranes are removed.
- Sikafloor® Proseal Pro must be removed prior to the application of a coating system.
- Sikafloor® Proseal Pro increases abrasion resistance compared to C25 concrete, but will gradually degrade and be removed by environmental exposure conditions and trafficking.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika

products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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