

## 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 may only be used by experienced professionals. Sikafloor® Proseal Pro is used for curing and sealing of fresh concrete floors. Provides curing and sealing for Sikafloor® dry shake hardeners (i.e. Sikafloor®-3 QuartzTop, Sikafloor®-2 SynTop, Sikafloor®-1 MetalTop and Sikafloor®-FibreShield). 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.
- Curing Efficiency to ASTM C-156 is 75%.
- 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.
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.
Appearance / Colour	Clear liquid
Density	~ 0.9 kg/l (at +20 °C)

## SYSTEM INFORMATION

## APPLICATION INFORMATION

Consumption	0.1 - 0.2 l/m <sup>2</sup> /coat (5 - 10 m <sup>2</sup> /l/coat). To conform with ASTM C-309, ensure a total of 0.2 l/m <sup>2</sup> is applied. Note: 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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<b>Ambient Air Temperature</b>	+5 °C minimum / +30 °C maximum	
<b>Relative Air Humidity</b>	80 % r.h. maximum	
<b>Dew Point</b>	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.	
<b>Substrate Temperature</b>	+5 °C minimum / +30 °C maximum	
<b>Waiting Time / Overcoating</b>	Allow previous coats to become tack-free before applying additional coats.	
	<b>Substrate Temperature</b>	<b>Foot Traffic</b>
	+10 °C	~ 16 hours
	+20 °C	~ 8 hours
	+30 °C	~ 6 hours
		<b>Full Cure</b>
		~ 24 hours
		~ 20 hours
		~ 16 hours
	Note: Times are approximate and will be affected by changing substrate and ambient conditions, particularly temperature and relative humidity.	

## VALUE BASE

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

## LIMITATIONS

- In hot weather (i.e. above +25 °C), store Sikafloor® Proseal Pro in a cool place prior to use.
- In low temperatures (i.e. 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 C20/25 concrete, but will gradually degrade and be removed by environmental exposure conditions and trafficking.
- As Sikafloor® Proseal Pro is a solvented product, it may be unsuitable for application in confined spaces or areas with inadequate ventilation. Consideration should also be given to its use close to areas used for food preparation, etc., due to odour. If you are in need of guidance on the suitability of this product for your site, please contact the Sika® Flooring Technical Team at [flooring.technical@uk.sika.com](mailto:flooring.technical@uk.sika.com).

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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 is 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.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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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