

PRODUCT DATA SHEET

Sikafloor® ProSeal W

Water-dispersed curing and sealing compound for concrete floors

PRODUCT DESCRIPTION

Sikafloor® ProSeal W is a 1-part water-dispersed acrylic emulsion for curing, hardening and sealing fresh or hardened concrete.

USES

Sikafloor® ProSeal W installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

Sikafloor® ProSeal W is used for:

- Optimally curing and sealing fresh concrete floors and structures

Sikafloor® ProSeal W is used as a:

- Curing compound to limit surface drying and cracking
- Curing and sealing compound for Sikafloor® dry-shake hardeners
- Anti-dust treatment
- Treatment for improving the abrasion resistance of existing concrete surfaces

The Product is used for interior and exterior applications.

PRODUCT INFORMATION

Chemical Base	Water-dispersed acrylic emulsion	
Packaging	25 L cans and 200 L drums Refer to the current price list for available packaging variations.	
Shelf Life	12 months from date of production	
Storage Conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	
Appearance / Colour	Appearance and colour	White liquid
	Cured colour	Clear

CHARACTERISTICS / ADVANTAGES

- Water dispersion
- Suitable for indoor use where solvent-based products cannot be applied because of health and safety regulations
- Helps control dusting for both new and existing concrete floor surfaces
- Effectively cures and seals concrete surfaces in a single, economic operation
- Very low yellowing
- Easy application by spray or roller

ENVIRONMENTAL INFORMATION

- Contributes towards satisfying Materials and Resources (MR) Credit: Building Product Disclosure and Optimization — Material Ingredients under LEED® v4
- Environmental Product Declaration (EPD) in accordance with EN 15804. EPD independently verified by Institut für Bauen und Umwelt e.V. (IBU)

Density 1 kg/L (EN ISO 2811-1)

Solid content by mass 16 %

APPLICATION INFORMATION

Consumption 0.1–0.2 L/m² per coat
Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Yield 5–10 m²/L per coat

Product Temperature	Maximum	+30 °C
	Minimum	+10 °C

Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C

Relative Air Humidity	Maximum	80 % r.h.
------------------------------	---------	-----------

Dew Point Beware of condensation. The substrate and uncured applied product must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming.

Substrate Temperature	Maximum	+30 °C
	Minimum	+10 °C

Waiting Time / Overcoating	Substrate temperature	Waiting time
	+10 °C	90 minutes
	+20 °C	45 minutes
	+30 °C	40 minutes

Allow previous coats to become tack-free before applying additional coats. Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

Applied Product Ready for Use	Substrate temperature	Foot traffic	Full cure
	+10 °C	16 hours	24 hours
	+20 °C	8 hours	20 hours
	+30 °C	6 hours	16 hours

Full cure times are approximate and will be affected by changing substrate and ambient conditions.

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.

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.

APPLICATION INSTRUCTIONS

EQUIPMENT

SUBSTRATE PREPARATION

- High-pressure water or abrasive blast cleaning equipment
- Vacuum cleaner

MIXING

- Electric stirrer

APPLICATION

- Low-pressure spray unit
- Brush
- Roller

SUBSTRATE PREPARATION

FRESH CONCRETE

The 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 and tamping techniques.

HARDENED OR OLD CONCRETE

Surfaces must be sound, open textured, clean, free from frost, laitance, surface water, oil, grease, coatings, all loosely adhering particles and other surface contaminants.

1. Prepare the substrate using suitable mechanical preparation techniques such as high-pressure water or abrasive blast cleaning equipment.
2. Completely remove all dust, dirt, loose and friable material from all surfaces with a brush or vacuum cleaner.
3. If in doubt, apply a test area first.

MIXING

1. Stir thoroughly for 2 minutes with an electric stirrer at low speed (approx. 300 rpm).

APPLICATION

IMPORTANT

Incompatibility with other substances

Contact with certain substances impairs the Product's performance or that of the other substance.

1. Do not use sprayers which have been used to spray silicones or release agents.
2. Clean spraying equipment thoroughly before use and remove residues of previous membranes.
3. Do not mix differing formulations of Sika® or other curing membranes.
4. Remove the Product before applying a coating system.

Risk of yellowing on certain substrates

Note: Some yellowing may be perceptible if the Product is applied to white and non-absorbent substrates in exteriors.

Hot weather working above +25 °C

Note: In hot weather conditions gelling may occur before material has penetrated sufficiently.

1. Observe the recommended storage and application temperatures.

Cold weather working below +10 °C

Note: At low temperatures the product may thicken and be difficult to spray.

1. Observe the recommended storage and application temperatures.

Effects of exposure over time

Note: The Product increases abrasion resistance compared to uncoated C25 concrete, but will gradually degrade and be removed by exposure to environmental conditions and traffic.

Preconditions

If applying to fresh concrete, apply immediately after completing finishing techniques.

If applying to concrete topped with a dry-shake hardener, apply immediately after completing power-floating.

1. Apply the Product in a continuous, even film using a low-pressure spray unit, brush or roller. Note If applying by spray equipment, check its suitability by applying to a trial area.
2. Wait for the first coat to dry tack-free.
3. To achieve the highest visual aesthetics and performance, apply a second coat.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

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.

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.

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @Sikalreland



Product Data Sheet

Sikafloor® ProSeal W
July 2024, Version 02.01
020815110010000008

SikafloorProSealW-en-IE-(07-2024)-2-1.pdf

