



Sikafloor®-ProSeal W

Water-based Curing and Sealing Compound for Concrete Floors

Technical Data Sheet

DESCRIPTION

Sikafloor-ProSeal W is a one component, clear, water-based acrylic emulsion, used to cure, harden and seal fresh or hardened concrete.

USES

- * Curing/sealing membrane for fresh concrete.
- * Initial curing compound in order to limit surface drying and cracking.
- * Suitable for applications over surfaces with most dry shake floor hardeners (not metallic).
- * Anti-dust treatment and improvement of the abrasion resistance of existing concrete surfaces.

ADVANTAGES

- * Water-based.
- * Suitable for indoor use where solvent based products cannot be used.
- * Excellent moisture retention.
- * Spray or roller applied.
- * Cures, seals and protects.
- * Prevents dusting.
- * Good abrasion resistance.
- * Good adhesion to old and new concrete.
- * Increases resistance to oils, lubricants and chemicals.
- * Low odour.

Technical Data (typical)

Form:	Liquid
Colour:	White, cures clear
Specific gravity:	1.0
Curing efficiency: (to ASTM-C-309)	90% @ 5 m ² /litre 3.4 gr/100 cc loss of water
Abrasion resistance: (Taber)	9.4 mg/1000 cycles
Flash point °C:	N/A
Coverage:	5-10 m ² /litre/coat
Drying times @ 20°C:	Touch dry 4 hours Fully cured 20 hours

All above values are approximate.



METHOD OF USE

Fresh Concrete

Sikafloor-ProSeal W may be sprayed onto newly laid concrete immediately after final powerfloating/finishing. After finishing the concrete ensure there is no free water on the surface. **Sikafloor-ProSeal W** should be applied evenly, as a fine mist spray, from a low pressure spray unit or by roller onto the concrete in one coat. To achieve highest optical aesthetics, a second coat may be required. Wait and allow the first coat to dry (approximately 2-6 hours) before applying subsequent coats.

Hardened Concrete

Sikafloor-ProSeal W can be applied to hardened concrete provided the substrate is clean and free from surface water and contaminants. For sealing cementitious screeds ensure any laitance or dust is removed from the surface.

Additional Information

Specification clauses, cold weather working and Instructions for Use are available on request.

IMPORTANT CONSIDERATIONS

- * In hot weather store the **Sikafloor-ProSeal W** in a cool place prior to use.
- * In low temperatures the **Sikafloor-ProSeal W** may thicken and reduce sprayability.
- * **Sikafloor-ProSeal W** can become discoloured if joints are sawed prior to the membrane being fully cured.
- * Spills of hydraulic oil or other contaminants should be cleaned to avoid risk of staining.
- * Do not use sprayers, which have been used to spray silicones or release agents.
- * **Sikafloor-ProSeal W** must be removed prior to the application of a coating system.
- * Not recommended for use on metallic dry shake hardeners.

CLEANING EQUIPMENT

Flush sprayers with water and allow to drain before and after use.

PACKAGING

Supplied in 25 litre and 200 litre containers.

CONSUMPTION

Approximately 5-10/m²/litre/coat. Consumption will be dependent on surface finish, permeability, profile and wastage. A smooth, impermeable concrete will achieve approx 10 m²/litre.

STORAGE AND SHELF LIFE

Minimum 12 months in sealed containers stored in dry warehouse condition (+5°C - +25°C). Protect from frost.

Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

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