



Sikafloor[®] ProSeal 90

High Efficiency Concrete Curing Compound (Formerly Armorex Proseal 90)

Technical Data Sheet

DESCRIPTION

Sikafloor ProSeal 90 is a clear acrylic resin polymer solution, which impregnates concrete surfaces to cure, harden and seal fresh or hardened concrete.

USES

- * Curing membrane for fresh concrete.
- * Surface hardener.
- * Lining/sealing of **Sikafloor** dry shake hardeners.

ADVANTAGES

- * One coat application.
- * Surface hardens concrete.
- * Spray or roller applied.
- * Prevents dusting.
- * 90% curing efficiency.
- * Simplifies operation/planning.
- * Non yellowing.
- * Impregnates concrete.
- * Same day application.
- * Impregnates wet and dry concrete.
- * Seals and protects.
- * Non-degrading and remains permanently in the concrete matrix.
- * Quick drying.
- * Increases resistance to oils, lubricants and chemicals.
- * Improves cleanability.

Technical Data (typical)

Form:	Liquid
Colour:	Clear
Specific gravity:	0.90
Curing efficiency: (to ASTM-C-309)	90% @ 6 m ² /litre
Flash point °C:	40
Coverage:	8-10 m ² /litre/coat
Drying times @ 20°C:	Touch dry 2-4 hours Fully cured 24 hours

All above values are approximate.



METHOD OF USE

Fresh Concrete

Sikafloor ProSeal 90 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 90** should be applied evenly, as a fine mist spray, from a low pressure spray unit or roller onto concrete in one coat. In severe drying conditions cover the floor in white polythene sheeting as soon as the **Sikafloor ProSeal 90** is dry.

Hardened Concrete

Sikafloor ProSeal 90 can be applied to hardened concrete provided the substrate is clean and free from surface water and contaminants.

Additional Information

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

IMPORTANT CONSIDERATIONS

- * Do not mix with **Sikafloor ProSeal Low Odour**.
- * In hot weather store the **Sikafloor ProSeal 90** in a cool place prior to use.
- * In low temperatures the **Sikafloor ProSeal 90** may thicken and reduce sprayability.
- * **Sikafloor ProSeal 90** can cause white discolouration 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 90** must be removed prior to the application of a coating system.

CLEANING EQUIPMENT

Flush sprayers with **Thinner C** and allow to drain before and after use.

PACKAGING

Supplied in 25 litre and 200 litre containers.

CONSUMPTION

Approximately 8-10/m²/litre/coat. Consumption will be dependent on surface finish, permeability, profile and wastage. A smooth, impermeable concrete will achieve approx 12 m²/litre.

STORAGE AND SHELF LIFE

Minimum 9 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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