

# PRODUCT DATA SHEET

# Sikafloor® Proseal-15 CZ

Sealing, curing and dust proofing acrylic agent for concrete surfaces

## **PRODUCT DESCRIPTION**

Sikafloor® Proseal-15 CZ is a solvent based, clear acrylic resin polymer solution used to cure, harden and seal fresh or hardened concrete.

### **USES**

Sikafloor® Proseal-15 CZ creates durable, wear resistant and non-dusting surface to existing matured or fresh laid concrete floors or constructions. Product is especially designed to concrete slabs treated by dry shake technology.

## **CHARACTERISTICS / ADVANTAGES**

Sikafloor® Proseal-15 CZ provides:

- Additional concrete hardening
- Improved abrasion resistance, dust prevention
- Excellent moisture retention
- Reduction of substrate absorption, enhancement of oil and oil products resistance
- Fast and easy using
- Same day application when concrete is placed
- Good adhesion to old and new concrete
- Quick drying
- Non tacky surface

# **PRODUCT INFORMATION**

Chemical Base	Solution of acrylic resin in aromatic hydrocarbons.	
Packaging	15   Can 200   Drum	
Appearance / Colour	Transparent or slightly yellowish solution.	
Shelf Life	12 months from date of production, if stored properly in original, unopened and undamaged sealed containers.	
Storage Conditions	Store in dry conditions at temperatures between -10 °C and +35 °C	
Density	900 ± 20 kg/m³	EN ISO 2811-1
Solid Content	~15 %	EN ISO 3251
Volatile organic compound (VOC) content	≤750 g/l	

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#### TECHNICAL INFORMATION

#### APPLICATION INFORMATION

Consumption	5,0 to 10,0 m <sup>2</sup> /l 0,10 to 0,20 l/m <sup>2</sup> (one coat) Real consumption depends on surface quality (porosity) and can be different from mentioned values especially in case of very dense or porous structures.	
Ambient Air Temperature	Sikafloor® Proseal-15 CZ can be applied at a broad range of air temperatures (– 10°C to 45°C). Significant prolongation/reduction of the drying time is expected when applied at temperature limits.	
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.	
Waiting Time / Overcoating	The surface is touch dry after 1 to 2 hours at +20 °C. Completely dry after 24 hours at +20 °C.	

#### **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.

#### **LIMITATIONS**

- Do not use sprayers, which have been used to spray silicones or release agents.
- Do not mix with other curing agents.
- Ensure spraying equipment is cleaned thoroughly before use and residues of previous membranes are removed.

#### **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.

# DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

According EU-Directive 2004/42, the maximum allowed content of VOC (Product category IIA / Cat. H / Type sb) is, ready for use, 750/750 g/l (limit 2007/2010). The max. content of Sikafloor® Proseal-15 CZ, ready for use, is ≤750 g/l VOC.

#### APPLICATION INSTRUCTIONS

#### **SUBSTRATE QUALITY / PRE-TREATMENT**

#### **MIXING**

Sikafloor® Proseal-15 CZ is supplied ready for use. Stir thoroughly before use.

#### **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. The application on freshly laid concrete seals the surface and protects it from rapid water loss. On existing concrete Sikafloor® Proseal-15 CZ brings additional surface hardening and dust reduction. One coat is usually sufficient for both types of treated concrete. Uneven application onto fresh concrete can lead to discoloration of concrete surface during concrete maturing process. The discoloration of concrete caused by uneven application is temporal. Additional coats based on epoxy, vinyl, acryl or alkyd will generally have a good adhesion to the Sikafloor® Proseal-15 CZ treated concrete. In spite of that a compatibility test of any additional layers is recommended on a small test area.



#### 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.

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