

PRODUCT DATA SHEET

Sikafloor® ColourSeal PRO

COLOURED HIGH PERFORMANCE DUST PROOF COATING

DESCRIPTION

Sikafloor® ColourSeal PRO is a two part, coloured hybrid coating.

USES

- Sikafloor® ColourSeal PRO is suitable for applications over surfaces with dry shake floor hardeners it is also suitable for application over of epoxy floor and PU screeds.
- Anti-dust treatment and improvement of the abrasion resistance of existing concrete surfaces.
- Suitable for exterior and interior application
- Economic coloured coating material

CHARACTERISTICS / ADVANTAGES

- Outstanding dust proof for both new and existing concrete floor surfaces
- Effectively cures and seals concrete surfaces in a single, economic operation
- Very Good abrasion resistance
- Quick drying
- Fire resistant
- Non-yellowing , UV resistant
- Good adhesion to old and new concrete
- Easy application by spray or roller

PRODUCT INFORMATION

Composition	Silicate hybrid coating		
Packaging	18 kg/ set		
	Colored	Part A	Part B
	Transparent	14 kg	4 kg
	RAL 6016	14 kg	4 kg
	RAL 5017	12.85 kg	5.15 kg
	RAL 6010, 7046, 7047, 1006, 3000, 5012, 7035	11 kg	7 kg
Appearance / Colour	Liquid Transparent, Light Grey, Dark Grey, Dark Green, Red and Yellow		
Shelf life	6 months from date of production if stored properly in undamaged sealed containers.		
Storage conditions	Stored in dry conditions at temperatures between +5°C and +25°C.		
Density	1.0 kg/ l		
Solid content by weight	~60%		

TECHNICAL INFORMATION

APPLICATION INFORMATION

Ambient Air Temperature	+10°C min. / +30°C max.			
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.			
Substrate Temperature	+10°C min. / +30°C max.			
Waiting Time / Overcoating	Allow previous coats to become tack free before applying additional coats.			
	Overcoating	Time (at 30°C)		
	Primer	2 hours		
	By itself	4 hours		
	Note: Times are approximate and will be affected by changing substrate and ambient conditions.			
Applied Product Ready for Use	Substrate Temperature	+10°C	+20°C	+30°C
	Foot traffic	36 hours	24 hours	18 hours
	Full cure	7 days	5 days	3 days
	Note: Times are approximate and will be affected by changing ambient and substrate conditions.			

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Hardened/old concrete:

Surfaces must be sound, open textured, clean, free from frost, laitance, surface water, oils, grease, coatings, all loosely adhering particles and other surface contaminants. In doubt, apply test area first.

The substrate must be prepared by suitable mechanical preparation techniques such as high-pressure water or cleaning or sandpaper grinding. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

MIXING

Mixing Time: min 3 minutes.

Mixing Tool: Electric stirrer with low speed (~300 rpm).

APPLICATION

0.05 - 0.15 kg / m² per coat. All applications 1-2 coats. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level or wastage etc. Application by brush roller or airless epoxy. If apply in a continuous even film by airless spray unit. The suitability of spraying equipment must be confirmed by trials. To achieve the highest visual aesthetics and performance, a second coat is recommended. Wait for first coat to dry 4 hours (at 30°C) before applying second coat.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Thinner C immediately after use.

Hardened / cured material can only be mechanically removed.

IMPORTANT CONSIDERATIONS

- In hot weather (above +30°C) store Sikafloor® ColourSeal PRO in a cool place prior to use.
- Do not use sprayers, which have been used to spray silicones or release agents.
- Ensure spraying equipment is cleaned thoroughly before use and residues of previous membranes are removed.
- Sikafloor® ColourSeal PRO must be removed prior to the application of a coating system.

BASIS OF PRODUCT DATA

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.

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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

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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