

PRODUCT DATA SHEET

Sikafloor® ProSeal-13 W

Acrylic resin emulsion for matt-damp concrete and screed

DESCRIPTION

Liquid acrylic resin emulsion for wax-free post-treatment of concrete surfaces and cement-based screeds.

USES

Sikafloor® ProSeal-13 W is intended for use by skilled, professional contractors only.

Sikafloor® ProSeal-13 W is a solvent-free acrylic resin emulsion that, after drying, forms an almost water vapor-impermeable protective film on the concrete surface.

FEATURES

- Filling of pores in the concrete surface
- Reduction of water evaporation
- Protection against desiccation
- Prevents shrinkage cracks
- Possibility of subsequent coating finish based on organic substances (acrylic resin, chlorinated rubber)
- In high temperatures, strong sunlight, strong wind exposure, or extremely low temperatures, additional measures are required

Depending on weather conditions and mechanical stress, the protective film will degrade over time.

PRODUCT INFORMATION

Packaging	1000 kg IBC container
Shelf life	Shelf life in sealed containers is at least 1 year. After long time storage, stir or shake the product before use.
Storage conditions	Protect from frost, direct sunlight, and contamination. Frost will render the emulsion unusable.
Density	1,01 kg/liter (bei +20 °C)
Solubility	In water

APPLICATION INFORMATION

Consumption	100-150 g/m ² , depending on the surface roughness and absorbency
Ambient air temperature	Between +5 °C and +35 °C

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.

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 Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION

- When pale dampness occurs on the concrete surface, respectively after stripping, Sikafloor® ProSeal-13 W is sprayed on in a homogeneous and covering layer.
- Application by brush is also possible (but increases consumption)
- The sooner the application is made to a damp or stripped surface, the more effective the protection.
- Remove puddles and pools of water before application.
- A fresh curing film initially appears white on the surface; varying application thicknesses may lead to spotting.
- Sikafloor® ProSeal-13 W produces a transparent and slightly glossy film after drying.
- At temperatures $>+ 35^{\circ}\text{C}$ or $<+ 5^{\circ}\text{C}$, additional curing measures are required.
- A complete removal of the protective film by e.g. steam jet or thorough brushing is necessary before subsequent application of concrete, mortar, plaster, composite screeds, building adhesives, bonding coats, coating materials etc..
- For subsequent coatings with organic-based paints (acrylic resin, synthetic resin dispersion), preliminary tests are required; when coating with reactive resin products (EP and PU systems), the substrate must be prepared by shot blasting.
- Avoid contamination, use clean tools.
- Do not use spray equipment that has previously been used for silicone or formwork release agents.
- Clean tools immediately after use with water or protect them from drying out.
- Fresh concrete with high cement content can cause a temporary red colouring of the protective film.
- Under normal climatic conditions (20°C and 50% relative humidity), the drying time is about 24 hours.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

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