

Sikafloor[®]-Top Coat WS

Epoxy floor topping to prevent water spotting

Construction

Description	Sikafloor-Top Coat WS is a 2 component solventless top coat applied as a sealer coat over concrete and epoxy floors where early water exposure is expected. It provides a finish that prevents water spotting and blooming in cool and/or damp conditions.
Uses	Used as a top coat for Sikafloor-261 (base coat) in: <ul style="list-style-type: none"> ▪ Workshops and factories. ▪ 'Wet' processing areas eg. the beverage industry, bottling plants, dairies, meat processing plants, etc. ▪ Warehouses, loading bays and ramps. ▪ Hangers. ▪ Used as a seal coat on mineral based substrates such as concrete, mortar, epoxy and EpoCem.
Advantages	<ul style="list-style-type: none"> ▪ Simple application system. ▪ Excellent resistance to abrasion. ▪ Good chemical resistance. ▪ Impremeable to liquids. ▪ Resistant to water spotting and 'blooming'. ▪ Excellent for use in cold weather.
Storage and Shelf Life	Stored in the original sealed containers within the temperature range of +5°C to +25°C, this product will keep for a minimum of three (3) years.
Instructions for Use	
Surface Preparation	<p>Surfaces must be clean, dry and free from all traces of loose material, old coatings, curing membranes, release agents, laitance, oil and greases etc. Substrate compressive strength should be at least 25 MPa, cohesive bond strength at least 1.5 MPa.</p> <p>Structurally unsound layers and surface contaminants must be mechanically removed by abrasive blasting, blast-tracking or grinding. Substrates heavily impregnated with oil must be cleaned by torching or suitable solvent cleaning methods. To check that all traces of oil have been completely removed, sprinkle a few drops of water over the surface. If all the water is quickly absorbed, the surface is sufficiently oil and grease free. If the water forms into globules that remain on the surface, further thorough treatment of the concrete is necessary.</p> <p>For re-profiling defects on horizontal surfaces a suitable patching mortar is required. The patching mortar can be of epoxy or cementitious base depending on the scope, particular conditions and requirements of the work. Contact the Sika technical department for further information.</p>
Mixing	<p>Stir Part A thoroughly with an electric stirrer prior to batching. Add the contents of the pigment pack and continue mixing until a uniform colour is achieved.</p> <p>Add Part B in the correct ratio and mix for 2-3 minutes at a low speed (300 - 450 rpm) until thoroughly blended.</p>
Application	Applied as a seal coat over Sikafloor systems to prevent water spotting and blooming. Seal the floor surface with a coat of Sikafloor-Top Coat WS using either a roller or a straight edged steel trowel.
Cleaning	Clean all tools and equipment immediately after use with Sika Colma Cleaner. Once hardened, the material can only be removed mechanically. Wash soiled hands and skin thoroughly in hot soapy water.

Floor Coating Systems & Consumption Rates

Self-Levelling Floor Topping

Primer	Sikafloor-156 (Part A + B)
Material Consumption	Approx. 0.3 – 0.5kg/m ² or 3.0m ² /litre
Base Coat	Sikafloor-261 (Part A + B + C)
Floor Topping Thickness	1.6mm to 3mm
Material Consumption	Approx. 1.8kg/m ² per mm thickness or 1.06 litre/m ² per mm thickness
Seal Coat	Sikafloor-Top Coat WS (Part A + B)
Material Consumption	Approx. 0.5kg/m ² per coat or 0.4 litres/m ²

Anti-Slip Self-Levelling Floor Topping

Primer (optional)	Sikafloor-156 (Part A + B)
Material Consumption	Approx. 0.2-0.5kg/m ² or 3.0m ² /litre
Base Coat	Sikafloor-261 (Part A + B + C) minimum 1.0mm thickness
Material Consumption	Approx. 1.8kg/m ² per mm (base coat) or 1.06 litre/m ² per mm thickness
Anti-Slip surface	Kiln dry quartz sand filler at 3-5kg/m ² (granular size to suit anti-slip requirements)
Seal Coat	Sikafloor-Top Coat WS (Part A + B)
Material Consumption	Approx. 0.5kg/m ² per coat or 0.4 litres/m ²

Technical and Physical Data

Form	Form A:	Slightly viscous pigmented liquid			
	Form B:	Slightly viscous transparent liquid			
Density (at 20°C)	Part A:	1.33 kg / litre approx.			
	Part B:	1.04 kg / litre approx.			
	Part A + B:	1.3 kg / litre approx.			
Mixing ratio		Part A	Part B		
	Parts by mass	10.0	3		
	Parts by volume	2.5	1		
Note: Assumes Part A includes the pigment pack.					
Rate of Reaction (Approx. Times)		10°C	20°C	30°C	
	<i>Potlife:</i>	70 min	20 min	15 min	
	Waiting times:				
	Can be walked on after	16 hours	8 hours	4 hours	
	Light mechanical loading permitted after	2 days	1 day	1 day	
Fully cured after	10 days	7 days	5 days		
Limits on Application	<ul style="list-style-type: none"> ▪ Minimum air and substrate temperature +10°C. ▪ Maximum air and substrate temperature +30°C. ▪ Where moisture content of the slab is greater than 4%, EpoCem (Sikafloor-81 EpoCem, Sikagard-720) is recommended as a temporary moisture barrier. ▪ Can be applied on up to 4% gradients. 				
	Colour	Refer to Sikafloor Colour Chart for typical RAL colours available			
	Packaging	Part A	9.4 kg		
		Part B	3.0 kg		
Pigment Pack		600 g			
Note: Parts A and B are also available in 20kg drums					

Important Notes

- Maximum delay between successive coatings is 2 days.
- Substrate temperature must be at least 3°C greater than dewpoint at the time of application.
- Apply to mineral based substrates or any Sikafloor system as a seal coat.
- Component A must be thoroughly stirred with a mechanical mixer prior to batching.

Handling Precautions

- Avoid contact with the skin, eyes and avoid breathing it's vapour.
- Wear protective gloves when mixing or using.
- If poisoning occurs, contact a doctor or Poisons Information Centre.
- If swallowed, do NOT induce vomiting. Give a glass of water.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
- If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
- For more detailed information refer to our Material Safety Data Sheet.

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 of our terms and conditions of sale. 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 DEPARTMENT FOR FURTHER INFORMATION.



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