

Sikafloor®-PU WB

UV Stabilised Clear Water-based Polyurethane Coating

Construction

Description	Sikafloor-PU WB is a two component, non-yellowing, water-based polyurethane coating containing UV light absorbers.
Uses	<p>Sikafloor-PU WB is ideal for interior and exterior seamless floors. It can be used as a wear layer over deck coatings and nonslip coatings. It is suitable as a concrete sealer and top coat and as an aggregate glaze for embedded nonslip aggregates.</p> <p>Sikafloor-PU WB can be used to seal plywood forms for precast concrete work.</p>
Advantages	<ul style="list-style-type: none">• Flexible and water resistant• Resistant to UV light• Wash up in water• Clear, non-yellowing, satin gloss finish• Tough, hard wearing• Excellent abrasion resistance• Good chemical splash resistance for occasional spills
Storage and Shelf Life	Stored in original unopened containers within the temperature range of +5°C and +35°C, this product will keep for ten (10) months. Opened cans may last 1-2 weeks depending on atmospheric conditions.
Application	
Application Method	<p>Apply Sikafloor-PU WB with a 6mm nap mohair roller and quality brush for cutting in around the edges. Do not use a lambs wool roller to apply this product.</p> <p>Sikafloor-PU WB should ideally be applied where conditions are between 23°C-35°C and with a relative humidity between 50%-75%. Recoating must be done within 18 hours and preferably in 3 hours.</p> <p>The tack free time is usually 3½ - 4 hours depending on the temperature and humidity. Allow 24 hours cure before light foot traffic and at least 48 hours before heavy traffic.</p> <p>It is recommended that two (2) coats of Sikafloor-PU WB be applied (depending on the porosity and surface texture of the substrate).</p> <p>When applying Sikafloor-PU WB over other Sikafloor epoxy and polyurethane systems, the first coat should be done within 24 hours after the previous Sikafloor system has been placed.</p>
Mixing Ratio	A : B = 4 : 1 (w/w)
Mixing	Mix Part B into Part A and stir thoroughly until the mixed product has a uniform consistency. Water may be added at a quantity of up to 10% to reduce the viscosity.
Cleaning	All equipment should be cleaned immediately after use with water



Technical Data (Typical)

Form	Two component liquid	
Colour	Clear	
Density	1.07 kg/litre	
Solids Content	44%	
Rate of Cure (at 20°C)	Tack free	1 hour
	Light Traffic	24 hours
	Heavy Traffic	5-7 days
Pot life	3-6 hours (depending on temperature)	
Chemical Resistance	Good resistance to acids, alkalis and most common solvents including alcohol, aromatic hydrocarbons, brake fluid, diesel and machine oil.	
Consumption	8-10 m ² / litre per coat Recommended two (2) coats (depending on porosity and surface texture of the substrate).	
DFT	Clear Sealer = 40-75 microns DFT per coat Coloured Sealer = 40-75 microns DFT per coat	
Packaging	Part A : 16 Litre pail Part B : 4 Litre pail	
Limits on Applications	<ul style="list-style-type: none"> • Minimum air and substrate temperature 15°C. • Maximum air and substrate temperature 35°C. • Maximum Relative Humidity during cure: 75%. • Not recommended for spray application. 	
Important Notes	<ul style="list-style-type: none"> • Before using Sikafloor-PU WB, calculate the quantity necessary for each coat and pour into a working container. Reseal the original tin immediately. After using do not return any unused product to the original container. • Sikafloor-PU WB has been tested as a coating under a number of new car tyres with success. However, it is recommended that the product be tested for tyre staining when applied in areas where vehicles are used. 	
Handling Precautions	<ul style="list-style-type: none"> • Avoid contact with skin and eyes. Wear protective clothing and goggles. • If skin contact occurs, wash skin thoroughly. • If swallowed do not induce vomiting, give a glass of water. • A full Material Safety Data Sheet is available from Sika on request. 	
Important Notification	<p>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 Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>	

