

Sikafloor-PU

UV Stabilised Clear Polyurethane Coating

Construction

| | |
|-------------------------------|---|
| Description | Sikafloor-PU is a one component, non-yellowing, aliphatic, moisture curing, polyurethane gloss coating containing UV light absorbers. |
| Uses | <p>Sikafloor-PU 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 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. • One component moisture curing. • Clear, non-yellowing, high 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 | <p>Application Method</p> <p>Apply Sikafloor-PU 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 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 4-6 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 be applied (depending on the porosity and surface texture of the substrate).</p> <p>When applying Sikafloor-PU 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> <p>If maintenance or recoating of Sikafloor-PU is required, the existing surface should be sanded using steel wool or sand/emery paper. The surface should then be cleaned and wiped with Sika Colma Cleaner, before applying the new top coat.</p> |
| Cleaning | All equipment should be cleaned immediately after use with Sika Colma Cleaner. |

Technical Data (Typical)

| | | |
|-------------------------------|---|----------|
| Form | One component liquid | |
| Colour | Clear – light yellow | |
| Density | 0.98 kg/litre | |
| Solids Content | 42% | |
| Viscosity | 84 mPas | |
| Rate of Cure (at 20°C) | Tack free | 4 hours |
| | Light Traffic | 24 hours |
| | Heavy Traffic | 3 days |
| Chloride Content | Nil | |
| 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). | |
| Packaging | 20 litre pails | |
| | 200 litre drums | |
| 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"> • Thinning of Sikafloor-PU is not recommended. • Before using Sikafloor-PU, calculate the quantity necessary for each coat and put into a working container. Reseal the original tin immediately. After using do not return any unused product to the original container. • Sikafloor-PU 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"> • Sikafloor-PU is a combustible liquid. • Provide adequate ventilation. • Store away from naked flames, sparks and heating. • 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 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> | |

