

Sika[®] Concrete Primer

Primer for use with Sika-Trocal[®] Liquid Detailing System

Product Description	Sika [®] Concrete Primer is a two component, rapid curing, high solids, solvent based polyurea primer
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Uses	Bonding agent for Sikalastic [®] -621 TC and cementitious substrates
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Characteristics / Advantages	<ul style="list-style-type: none">■ Seals and primes substrates enabling over-coating at a minimum of 30 minutes (under ideal conditions)■ Combines a rapid cure time with a long pot life■ Easy application by brush or roller
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Product Data

Form

Appearance / Colours	Colourless to pale yellow
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Packaging	Sika [®] Concrete Primer comes as two components: Part A 800ml in a 1Ltr container for mixing and Part B 200ml in a 250ml container
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Storage

Storage Conditions / Shelf Life	6 months from date of production if stored properly in original, unopened and undamaged sealed container in a cool, dry location away from direct sunlight
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Technical Data

Chemical Basis	Two component solvent based polyurea
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Density	1.02 kg/l
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Flash Point	Part A: 40 °C Part B: 73 °C
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Roofing



System Information

Application Details

Substrate Quality	Substrates should be free from laitance, dust, oil and grease achieved by wire brushing or mechanical preparation.
Substrate Preparation	Allow a minimum of 28 days before overcoating new concrete. The concrete should have a Pull off strength $\geq 1.5 \text{ N/mm}^2$. Defects or damage to concrete decks must be made good using appropriate polymer modified repair mortar. Any repairs should be allowed a minimum of 72 hours to cure and until such time as the moisture content has fallen to the permissible level.

Application Conditions / Limitations

Substrate and ambient Temperature	+5 °C min. / +30 °C max.
Substrate Moisture Content	< 4 % moisture content. No rising moisture according to ASTM (Polyethylene-sheet). No water / moisture / condensation on the substrate.
Dew Point	Beware of condensation! Surface temperature during application must be at least +5 °C above dew point.
Consumption	1 or 2 coats with a consumption of 0.1275 kg/m^2 per coat depending upon surface roughness and absorption

Application Instructions

Application Method	Ensure surface is dry and free from dust and laitance. Previously primed areas must be free from contamination before re-priming or top coating. Product may be applied to damp surfaces but these must not be visibly wet (see substrate moisture content). Prepare primer by adding part B to part A and mixing until uniform. Apply between 5 and 30 °C. Air and substrate temperatures should remain a minimum of 5 °C above dew point throughout the application and curing periods. Apply by brush or roller.
Application Tools	Brush or roller.
Pot life	1 hour at 20 °C <i>Note: Pot life will decrease at higher temperatures.</i>
Waiting Time / Overcoating	At 20 °C: Dry to touch 10 minutes Dry through 30 minutes Apply an additional coat if more than 5 days pass before coating

Notes on Application / Limitations	Do not apply in wet weather or to wet surfaces.
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Value Base	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.
Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, user shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
Legal Note	The information contained herein and any other advice 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. The information only applies to the application(s) and product(s) expressly referred to herein. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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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