

Product Data Sheet

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Sika® Color-500 W Primer

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Water dispersed acrylic primer for Sika® Color façade coatings

Product Description	Sika® Color-500 W Primer is a 1-part water dispersed acrylic primer for Sika® Color façade coatings.
Uses	■ As a Primer for Sika® Color façade coatings
Characteristics / Advantages	■ Waterproofs surfaces ■ Stabilizes substrate (plaster, repaired surfaces, e.t.c.) ■ Improves adhesion of the coating ■ Fast drying ■ Does not yellow the final coatings ■ Can be diluted with water ■ Water vapour permeable, allows the substrate to breathe ■ Environmentally friendly (solvent free) ■ Odorless – Suitable for internal use ■ Easy application

Product Data**Form****Appearance / Colours** Milky, when cured provides a colorless film**Packaging** 5 lt pail**Storage****Storage Conditions / Shelf-Life** 12 months from date of production if stored properly in undamaged and unopened, original sealed containers, in dry conditions at temperatures between +5°C and +40°C. Protect from direct sunlight and frost.**Technical Data****Chemical Base** Acrylic based**Density** ~ 1.00 ± 0.03 gr/ml (at +20°C)**System Information****Consumption** 10 - 12 m²/lt dependent on the absorbency and the toughness of the substrate**Construction**

Substrate Preparation	<p><i>Exposed concrete without existing coating:</i> The substrate must be dry, clean and free from oil, grease and loose, friable particles.</p> <p>Whenever a remedial application on the surfaces is required, an acrylic putty should be applied. After the curing of the putty, grind all the surfaces with an abrasive paper.</p> <p>New concrete and new render must be at least 28 days old.</p> <p><i>Exposed concrete with existing coating:</i> Existing coatings must be tested to confirm their adhesion to the substrate - adhesion test average > 0.8 N/mm² with no single value below 0.5 N/mm².</p> <ul style="list-style-type: none"> - Inadequate adhesion: Existing coatings must be completely removed by suitable methods and the substrate must be sufficiently sound and suitable to be coated as above. - Adequate adhesion: Thorough cleaning of all surfaces by steam cleaning or high pressure water jetting
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Application Conditions / Limitations

Substrate Temperature	+5°C min / +35°C max
Ambient Temperature	+5°C min / +35°C max

Application Instructions

Mixing	<p>The material is supplied ready for use. Stir thoroughly prior to application.</p> <p>For use on very absorbent substrates, add up to 100% water - stir thoroughly again prior to use.</p>
Application Method / Tools	Sika® Color-500 W Primer can be applied by brush, short hair pile roller or airless spray.
Tool maintenance	Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Hardened / cured material can only be mechanically removed.

Waiting Time / Overcoating	Waiting time between coats:				
	Previous coating	Waiting time			Next coating
		8 - 10°C	15 - 23°C	30 - 35°C	
Sika® Color -500 W Primer	2 hours	1.5 hours	1 hour	Sika® Color -650 W or Sika® Color -670 W	

Notes on Application / Limitations	<p>Do not apply in cases of:</p> <ul style="list-style-type: none"> - Expected rain or frost - Prevailing temperatures below +5°C - 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, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notes The information, and, in particular, the recommendations relating to the application and end-use of Sika 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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. 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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