

Product Data Sheet
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Sika®Astar

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One component-multi purpose primer

Product Description	Sika® Astar is a one part, multi purpose, pink, acrylic co-polymer based dispersion used to prime and seal concrete or mortar substrates, prior to underlayment mortar application.
Uses	<ul style="list-style-type: none">n As a primer for levelling layersn As a primer for ceramic and tile adhesivesn Particularly suitable for using prior to the Sika® Level range of underlaymentsn Primer for mortar applications on cement plates, gypsum and concrete boards
Characteristics / Advantages	<ul style="list-style-type: none">n Effectively seals concrete surfaces in a single, economic operation, preventing water loss into the substrate, bubbles forming in the screed.n Useful for internal or external applications and wet areasn Solvent freen Odourlessn Chloride free-does not attack reinforcementn Easy to applyn Coloured, in order to notice applied areas

Product Data

Form

Appearance / Colour	Pink liquid
Packaging	6 kg and 30 kg plastic pails

Storage

Storage Conditions / Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C. Protect from frost.
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Technical Data

Chemical Base	Water based, acrylic co-polymer dispersion
Density	1.00 -1.04 kg/l (at 20 °C)
Solid Content	% 19-21



Construction

Application Details

Consumption / Dosage	Depending on surface absorption 100-200 gr/m ² Some substrates will require higher consumption than indicated above. This figure is theoretical and does not include for any additional material required due to surface porosity, surface profile, variations in level and wastage, etc
Substrate Quality	Surfaces must be sound, open textured, clean and free from frost, cement laitance, surface water, oil, grease, paraffin, coatings etc. all loose or friable particles and any other surface contaminants.
Substrate Preparation	The substrate must be prepared by suitable mechanical preparation techniques such as high-pressure water or abrasive blast cleaning equipment. All dust, loose and friable material must be completely removed before application of the product, preferably by brush and/or vacuum. The substrate can be dampened to a saturated surface dry prior to application of the Sika® Astar.

Application Conditions / Limitations

Substrate Temperature	+10°C min. / +30°C max.
Ambient Temperature	+10°C min. / +30°C max.
Relative Air Humidity	75% r.h. max

Application Instructions

Application Method / Tools	Sika® Astar is applied by brush or by roller (which achieve better penetration and productivity) then should be left for drying. Ponding must be avoided. After drying, mortar, levelling layers, ceramic and tile adhesive can be applied on. Stir the Sika® Astar well before use!
Waiting Time	Depending on weather conditions 4-8 hours. Times are approximate and will be affected by changing ambient conditions, particularly the temperature and relative humidity.
Cleaning of Tools	Clean all tools and application equipment with water immediately after use.
Notes on Application / Limitations	<ul style="list-style-type: none">n Plasters and level layers should be cured properly.n After applying, the area must be protected from freezing and thawing.n If in doubt, apply a test area at first.n Do not use for industrial overlayment applications.n Application below recommended temperatures may lead to longer curing time of the product.

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.
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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.
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Health and Safety Information	For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.
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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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