

PRODUCT DATA SHEET

Sika® Astar

One Component, Multi-Purpose Primer

DESCRIPTION

Sika® Astar is a one part, multi-purpose, acrylic co-polymer based dispersion used to prime and seal concrete or mortar substrates prior to underlayment mortar application.

Suitable for use in hot and tropical climatic conditions.

USES

Sika® Astar may only be used by experienced professionals.

- As a primer for reducing absorbency, to improve adhesion on smooth and sound substrates
- As a primer for ceramic and tile adhesives
- As a primer to protect the substrate against moisture from leveling compounds
- Suitable for using prior Sikafloor® Level cementitious underlayment product range
- Primer for mortar applications on cement plates, gypsum and concrete boards

CHARACTERISTICS / ADVANTAGES

- Effectively seals concrete surfaces in a single, economic operation
- Preventing water loss into the substrate and bubbles forming in the leveling material, reducing absorbency
- Odourless
- Improving adhesion on smooth and sound substrates
- Useful for internal or external applications and wet areas
- Low consumption / high coverage
- Compatible to many substrates
- Easy to apply
- Coloured

PRODUCT INFORMATION

Chemical Base	Water based acrylic co-polymer dispersion
Packaging	30 kg plastic can
Shelf Life	12 months from date of production.
Storage Conditions	Store in cool and dry conditions in unopened, undamaged and sealed original packaging at temperatures between +5 °C and +35 °C. Protect from direct sunlight, heat and moisture.
Appearance / Colour	Pink liquid
Density	~1.02 kg/l (25 °C)

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APPLICATION INFORMATION

Consumption	Depending on surface absorption 0.1 - 0.2 kg/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.
Ambient Air Temperature	+10 °C min. / +35 °C max.
Relative Air Humidity	Max. 75 %
Substrate Temperature	+10 °C min. / +35 °C max.
Applied Product Ready for Use	Ready to overcoat after 4 to 8 hours, depends on weather conditions.

BASIS OF PRODUCT DATA

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.

LIMITATIONS

- After applying the area must be protected from rain and direct sunlight.
- Don't dilute (product ready to use).
- Not recommended for areas permanently submerged in water.
- In doubt apply a test area first.
- Do not use for industrial overlayment applications.

ECOLOGY HEALTH AND SAFETY

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

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Concrete substrate must be sound, rough and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm²
- The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.
- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface
- Weak concrete must be removed and surface defects such as blow holes and voids must be fully exposed
- Repairs to the substrate, filling of blowholes / voids and surface levelling must be carried out using appropriate products from the Sikafloor®, Sikadur®, Sikagard®, SikaRep® or SikaMonotop® range of materials
- All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush or vacuum. The substrate should be dampened to a saturated surface dry condition prior to application of the Sika® Astar

APPLICATION

- Shake or stir Sika® Astar well before use
- Sika® Astar is applied by brush or roller (whichever achieves better penetration and productivity)
- Avoid formation of puddles
- After drying, mortar, levelling layers, ceramic and tile adhesive can be applied

CLEANING OF TOOLS

Clean all equipment and tools with water immediately after use. Dried material can only be removed by mechanical means.

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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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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