

Product Data Sheet

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Purigo®-I 100

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Surface stabilizer with dustproofing effect for concrete floors

Product Description

Purigo®-I 100 is a one-pack, ready-for-use product based on acrylic resin and silicates in aqueous emulsion, for horizontal concrete screed treatment

Uses

Purigo®-I 100 is used to improve concrete surface resistance and increase dust production in concrete floors in internal and external applications, due to its ability to penetrate into porous substrates. Additionally, with its use, concrete's absorbance in liquids is reduced. Due to its easiness, it is suitable for application on:

- Attics
- Garages
- Warehouses
- Basement
- Subgrades for floating floors (underneath tiles)

Characteristics / Advantages

Purigo®-I 100 is a one component, water-based emulsion, containing no organic solvents, ready to use and therefore very user-friendly product. Surfaces treated with Purigo®-I 100 feature following properties:

- Non-dusting effect
- Reduced absorption of generally oils and liquids
- Enhanced wear resistance
- Easier cleaning

Furthermore, the product is:

- Odourless
- Colourless(wet effect may appear depending on the substrate absorption)

Product Data**Form**

Appearance / Colours Aqueous emulsion / Whitish

Packaging 5 kg cans

Storage

Storage Conditions / Shelf-Life 12 months from date of production if stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +20°C.



Technical Data

Chemical Base	Acrylic resin and silicates in aqueous emulsion
Density	~ 1 kg/lit approx. (at +20°C)

System Information

Application Details

Consumption	~ 0.15 - 0.25 kg/m ² /coat 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	The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. The concrete's surface must be dry or slightly damp. Concrete and cementitious based substrates must be mature (at least 14 days old). If in doubt, apply a test area first

Application Conditions / Limitations

Substrate Temperature	+5°C min. / +30°C max.
Ambient Temperature	+5°C min. / +30°C max.
Relative Air Humidity	80% r.h. max

Application Instructions

Application Method / Tools	Purigo®-I 100 can be applied by roller in one layer or up to surface saturation. During the application, the material looks white at first, but in a short of time turns to transparent. Avoid standing product (stains or excessive product), as this may leave permanent white marks.
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.

Curing Details

Applied product ready for use	Substrate temperature	Foot traffic	Full cure
	+20°C	~ 24 hours	~ 3-4 days

Note: Times are approximate and vary depending on the exact type of the substrate and environmental conditions.

Notes on Application / Limitations	■ In case of rising moisture, please contact our Technical Department. ■ Purigo I-100 is a surface consolidating product. It cannot be applied onto poor-strength substrates (e.g. with low cement content or low mechanical strength) ■ Do not add water or other substances to the product
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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 shall 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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