

PRODUCT DATA SHEET

Sika® Purigo-5 S (NZ)

Concrete dustproofers and surface hardeners

DESCRIPTION

- Sika® Purigo-5 S (NZ) is an economical, easy to use surface hardener and dustproofers for concrete floors. It is a liquid based on 'activated' sodium silicate which reacts chemically with calcium hydroxide in the concrete to bind up and tighten the top surface, producing a hard, dust free finish.

USES

Sika® Purigo-5 S (NZ) is an efficient, economic product for use on concrete floors to prevent surface dusting from occurring. It will not, however, make bad disintegrating concrete good. Examples of flooring situations that would gain beneficial effect from the use of Sika® Purigo-5 S (NZ) are:

- Warehouses and storage facilities
- Factories and assembly plants
- Carpark decks

CHARACTERISTICS / ADVANTAGES

- Very quick and easy to apply
- Can be used on both new and old concrete
- Chemically reacts with concrete to become an integral part of the surface matrix.
- Sika® Purigo-5 S (NZ) is the economical answer to the problem of surface dusting.

PRODUCT INFORMATION

Chemical Base	Water based liquid
Packaging	20 litres and 200 litres
Shelf Life	Twelve (12) months from date of manufacture if stored as stated.
Storage Conditions	Store in unopened original containers in frost free conditions below +25°C.
Appearance / Colour	Clear liquid
Density	1.0 kg/litre

APPLICATION INFORMATION

Consumption	As a dustproofers 2-3 coats are recommended: 1st coat = approx 4-6m ² /litre 2nd coat = approx 7-8 m ² /litre
Ambient Air Temperature	Minimum application temperature: +5°C

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.

FURTHER DOCUMENTS

Drying time: 24 hours between coats

Light foot traffic: 24 hours after last coat

LIMITATIONS

- In some cases where excessive Sika® Purigo-5 S (NZ) has been applied and allowed to puddle there will be visible areas of white powdery crystals when the surface has dried. It is recommended that the floor be washed and scrubbed with clean water to remove this residual material.
- Vacuuming of floor surfaces is the most effective way to remove all traces of dust and open up the pores of the substrate to allow maximum penetration for the Sika® Purigo-5 S (NZ).
- Sika® Purigo-5 S (NZ) will not improve the performance of concrete which is disintegrating. It is not recommended for restoring rain damaged surfaces.

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

- When using Sika® Purigo-5 S (NZ) as a dustproofer/surface hardener the surface must be clean and free from any loosely adhering particles, or contaminants such as dust, dirt, oil, grease, curing compounds or tilt slab release agents, etc.
- The concrete should be at least 21 days old and completely dry to ensure maximum depth of penetration and effectiveness.

APPLICATION

- Sika® Purigo-5 S (NZ) is ready to use and requires no mixing.
- For dustproofing applications, Sika® Purigo-5 S (NZ) can be sprinkled over the surface with a plastic watering can and dispersed with a soft broom or squeegee.

- Spread Sika® Purigo-5 S (NZ) back and forth over the surface to ensure maximum and even penetration is achieved.
- Do not allow puddles to form in depressions on the floor surface or white staining may occur.
- After allowing 24 hours to dry the second coat can be applied in the same manner.
- 24 hours after the final treatment the floor should be washed with clean water.

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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Product Data Sheet

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