StenAst® SPS

1. Product Description

StenAst® SPS is a single-component, silane-based surface conditioner developed for **Stenkim®** brand polysulfide joint sealants. **StenAst® SPS** is very suitable for newly cut joints in concrete pavements. Since it does not stain when it spills outside the joint, it does not change the appearance. Due to its short curing time, it allows fast application.

Single-Component Surface Conditioner for Polysulfide Joint Sealants

Highlights

- Single-component, silane-based
- Good surface conditioner for concrete, wooden and epoxy surfaces
- Does not form a film
- Chemically strengthens adhesion
- Suitable for newly cut joints
- Does not leave a mark
- Short waiting time, allows fast working
- Transparent
- Easy to apply with a brush and roller

2. Uses

StenAst® SPS is a single-component, silane-based surface conditioner developed for StenSeal® branded polysulfide joint sealants to be applied especially on concrete, asphalt, steel, wood, epoxy, polyurethane and similar surfaces. Unlike film-forming primer materials, it forms a layer a few molecules thick. One end of the silane molecule reacts with the application surface and the other end with the material to be applied, thereby strengthening adhesion chemically. This way, it ensures adhesion without forming a third layer between the surface and the material. **StenAst® SPS** is very suitable for newly cut joints in concrete pavements. Since it does not leave a mark when it spills outside the joint, it does not spoil the appearance. Due to the short waiting time before the topcoat, it allows fast work.

In dusty environments, or when old joint material is removed and replaced, take the utmost care with surface cleaning; contact **Stenkim®** if needed. **StenAst® SPS** is also a suitable surface conditioner for glass surfaces and concrete floors in constant contact with water.

3. Application

3.1. Surface Preparation

The surface must be free from contaminants such as loose material, oil, grease and paint, and the concrete must be dry. Contaminants adhering to the surface must be removed by sandblasting or grinding. Contaminants that have penetrated into the concrete must be removed using cleaners capable of dissolving the contaminant, followed by cleaning with detergent and water.

3.2. Application

StenAst® SPS must not be applied in cold conditions below 5 °C. A sufficient amount of **StenAst® SPS** is taken into the application container and applied continuously to the surface with a brush or roller. It is applied in one or two coats depending on the surface texture.

Surface wetting is sufficient. One liter of **StenAst® SPS** covers 15 to 25 m^2, depending on the surface texture of the concrete pavement and the application conditions.

When used for joints, it must be applied to the joint before the backer rod is placed. Otherwise, since it contains high levels of solvent, it may damage or dissolve the backer rod. For the same reason, sufficient ventilation must be provided during applications.

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StenAst® SPS leaves no trace when dried and does not form a visible film like other primer types. This requires users to be more careful in identifying the areas where they have applied the material.

3.3. Cleaning

Equipment used can be cleaned at the end of the job with **StenSolver CL**.

4. Safety

Applicators and supervisors must read the Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be disposed of in compliance with relevant regulations and laws. The application must be carried out by skilled workers under the supervision of experts and the applicators must use all personal protective equipment required for the worksite and the task such as goggles, mask and gloves.

Due to its high solvent content, it must not be considered for cleaning purposes. Avoid skin contact.

5. Storage

Storage temperature must be between 5 and 30 °C. Packages must not be exposed to direct sunlight. Under these conditions, the material will retain its properties in unopened containers for 12 months from the production date. After prolonged storage, the product must be stirred thoroughly before use.

6. Disclaimer

This document is provided for general information and is based on **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information without prior notice.

Stenkim® warrants that its products conform to the stated specifications on delivery. The buyer is responsible for determining the product's suitability for the intended purpose and for all conditions of transport, storage, application, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

7. Technical Data

Property	Method	Result
Base Polymer		Silane
Solvent		Xylene
Color		Transparent
Density	EN ISO 2811-2	0.87 ± 0.05 g/cm^3
Shelf Life		1 year
Packaging		2.5 kg packages

Stenkim® reserves the right to make changes to the values in this table at any time.

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