

1. Product Profile

StenAst® S is a single component, silane-based surface conditioner, prepared for all Stenkim® brand polymer-based surface coating materials, top coats and joint sealants.

StenAst® S is very compatible with newly cut joint applications on concrete pavements. Since it does not stain when smeared outside the joint, it does not change the appearance. Due to short curing time, it allows fast application.

StenAst® S is available in 2.5 kg packages.

2. Uses

StenAst® S is prepared for polyurethane materials such as StenFloor®, StenCoat®, StenSeal®, StenSport®, StenCare® to be applied especially on concrete, wooden, fiberglass surfaces. Unlike the film forming primers, it forms a few molecules thick layer. It reacts at one end of with the application surface and at the other end with the material and chemically strengthens adhesion. Therefore, it ensures adhesion without forming a third layer between the surface and the material.

3. Surface Preparation

Surface must be free from loose materials, oil, grease, paint and the concrete must be dry. Contaminants stuck on the surface must be removed by sandblasting or mechanical abrading. Contaminants penetrated into the concrete must be wiped with chemicals that can dissolve contaminant and must be cleaned with detergent and water.

4. Application

StenAst® S must not be applied at temperatures below 5°C. Sufficient amount of StenAst® S is taken to the application container and applied by a brush or a roller to the joint. 15 to 25 m² area can be covered with a liter of StenAst® S depending on the surface texture of the concrete pavement and application conditions.

When used for joints, it must be applied on the joint before the backer rod is placed. Otherwise, it can damage the backer rod since it contains high amount of solvent. Sufficient ventilation must be provided during applications for the same reasons.

General Purpose Single Component Surface Conditioner

Highlights

- Silane based, single component
- Does not form a film layer
- Chemically enhanced adhesion
- Very compatible with newly cut joints
- Does not leave a stain
- Enables to work fast, saves time
- Easy application
- Transparent

5. Cleaning

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

6. Safety

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. The application must be carried out by skilled workers under supervision of experts and the applicators must use all kinds of protective equipment required for the worksite and the task such as goggles, mask and gloves.

Emptied packages must be handled in compliance with relevant regulations and laws.

7. Storage

The material must be kept away from sunlight in dry indoor storage. Recommended storage temperature is 10-30°C. Stored in these conditions, the shelf life of unopened containers are 12 months.

8. Company Liability

The information contained in this document is based on site experience of and laboratory tests done by Stenkim® and meant to give general information. It is the purchaser's responsibility to ensure applicability of products to their use. All Stenkim® products are available

in specified quality and conditions. The company accepts no liability whatsoever unless the transportation, storage, application conditions and customer use are overseen by Stenkim®.

Stenkim® reserves the right to update all information contained in this document without notice.

9. Technical Data

Properties	Results
Base Polymer	Silane
Solvent	Toluene
Color	Transparent
Density	$0.87 \pm 0.05 \text{ g/cm}^3$
Application Thickness, at each layer	At nano level
Minimum Curing Time for Top Layer @23 °C	15 minutes
Maximum Curing Time for Top Layer @23 °C	24 hours

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