

1. Product Description

StenSilica is a quartz-based, chemically inert, dried material with specific size distribution. Adhesion to polymers is enhanced with special surface conditioners. It is used with organic or inorganic binders.

It can be added to polyurethane or epoxy mixtures, to concrete prepared with portland cement or it can be broadcast onto a still-uncured surface to improve surface hardness and other mechanical properties. **StenSilica** is available in 50 kg bags.

2. Uses

StenSilica is used in surface coating materials, surface leveling mortars, and concrete repair mortars as filler, or broadcast on floors made of various materials to increase surface resistance and hardness.

3. Types

It is offered in 10 different sizes with the same chemical composition. Sizes range from the finest **StenSilica** #0 to the coarsest **StenSilica** #9. **StenSilica** 100-300 and **StenSilica** 500MIX, which are blends prepared in appropriate gradation, can be used for floor coating applications.

4. Application

StenSilica is used together with our other products. Size to be used varies depending on the application area and the binder it is used with.

5. Safety

Inhalation of quartz dust must be avoided; the Safety Data Sheet (SDS) must be read carefully. Applicators and supervisors must read the Material Safety Data Sheet (SDS) carefully and follow the instructions provided. Emptied packages must be handled in compliance with relevant regulations and laws.

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.

6. Storage

It must be stored in enclosed storage areas without contact with the floor. It must not be allowed to get wet or moist. Under these conditions, the material will retain its properties until the expiration date in unopened packages.

7. Disclaimer

This document is provided for general information and reflects **Stenkim®**'s laboratory data and field experience at the time of publication. **Stenkim®** reserves the right to revise this information at any time without 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 application and for all conditions of transport, storage, handling, and use. **Stenkim®** accepts no liability for results obtained under conditions outside its control. **Stenkim®**'s

Anti-Slip Additive for Surface Coating Materials

Highlights

- Increases mechanical strength and surface hardness of the materials it is used with
- Dried by special processing
- Reduces surface slipperiness
- Available in various sizes for different applications



liability under this warranty is limited to replacement of non-conforming product and excludes any consequential or indirect damages.

