

## 1. Product Profile

**StenSilica** is quartz based chemically inert material with specific size distribution. Adhesion to polymers is enhanced by means of special surface additives. 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 on yet to be completely cured surfaces to improve surface hardness and other mechanical properties.

**StenSilica** is available in 50kg bags.

## 2. Uses

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

## 3. Types

They are supplied in 10 different sizes with the same chemical composition. They are ordered from the finest **StenSilica #0** to the coarse **StenSilica #10**.

Prepared in appropriate gradation **StenSilica 100-300** or **StenSilica 500MIX** can be preferred 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

Applicators and supervisors must read Material Safety Data Sheet (MSDS) carefully and observe the considerations written therein. Emptied packages must be handled in compliance with relevant regulations and laws.

## Quartz Based Abrasion Resistant Anti-Slip Additive for Surface Coating Materials

### Highlights

- Increases mechanical strength and surface hardness of the materials it is used with
- Decreases slipping on the surface
- Available in various sizes depending on the uses

## 6. Storage

It must be stored in confined storages and by avoiding contact to the floor. It must not be allowed to get wet or moist.

It preserves its adhesion property in unopened packages for 12 months. After 12 months it can be stored indefinitely without any change in other properties.

## 7. 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.

StenSilica	Average grain size(1/1000mm)
StenSilica 100-300	100-300
StenSilica 500 MIX	200-500
StenSilica #0	0-10
StenSilica #1	10-20
StenSilica #2	20-50
StenSilica #3	50-100
StenSilica #4	100-250
StenSilica #5	250-500
StenSilica #6	500-1000
StenSilica #7	1000-1500
StenSilica #8	1500-2500
StenSilica #9	2500-4000

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