

QUARTZ

Silica Aggregate for use with Flooring Systems

Description

Quartz is a silica aggregates used as an additive with various resin systems for floorings to increase the hardness, abrasion resistance and provide anti-slipping properties. It is available in four sizes **No.1** (0 – 0.3 mm), **No.2** (0.4 – 0.8 mm), **No.3** (0.5 – 1.0mm) and **No.4** (1.0 – 2mm).

Features & Benefits

- Natural with high SiO₂ content
- Non-oxidising.
- High Strength and Mechanical properties
- Excellent resistance to chemicals
- Excellent wear and abrasion resistance
- Slip resistant.
- Improves bonding.
- Reduce dust.

Uses

Quartz Silica aggregates to be used in Epoxy & PU flooring systems. Can be used by sprinkling to obtain a non-slip floor, to repair regularizing mortars and fillers and self-leveling products. It can be combined with SUPERTOP systems to produce high build heavy duty flooring systems with excellent bonding, chemical resistance, mechanical strength and anti-slipping properties.

QUARTZ silica aggregates when used as per relevant method statements for SBI products can be used in locations such as:

- Car Park
- Garages & Industrial areas
- Warehouses
- Engineering workshops
- Aircraft hangers
- Loading bays
- Power stations
- Agricultural buildings

Technical Properties

Appearance	Natural granules
Density	1,700-1,850 Kg/m ³ approx.
SiO ₂ content	>85%
Chemical Resistance	Excellent
Particle Size	No.1 (0-0.3mm) No.2 (0.4-0.8mm) No.3 (0.5-1.0mm) No.4 (1-2mm)

All values are subject to 5-10% tolerance

Application Instructions

For better performance follow the flooring system instructions. For more details contact and support SBI technical Department.

Packaging

QUARTZ is available in 25kg bag.

Storage

Keep the product in dry and sheltered place at temperature between +5°C to +35°C. In these conditions and in closed original containers.

Coverage

As per relevant SBI product method statements.

Equipment and Care

Clean all equipment with water after use.

Health and Safety

Wear gloves, goggles to avoid any contact with eyes and skin. In case of splashes in the eyes wash abundantly with warm water and consult a doctor.

For further information or particular use, contact SBI Technical Department.

Quality & Care

All products produced in SBI facilities are manufactured under a management system certified to conform to the requirements of the quality and environmental health & safety standards ISO 9001 & ISO 14001.