



Uniguard Silica Aggregate

Product Description

Uniguard Silica Aggregate is a graded silica sand filler designed to be inserted in different type systems to enhance mechanical properties such as abrasion resistance, durability, and overall strength, making it ideal for industrial flooring, coatings, and other applications requiring heavy-duty performance. It is available in different types such as: ultra fine, fine, medium, coarse and pyrogenic silica.

Features and benefits

- Available in different sizes.
- High hardness: increases abrasion resistance.
- Consistent particle size to ensure uniform mixing and distribution.

Typical use

- Industrial floors
- Protective coatings
- Concrete toppings and repairs
- Self-leveling screeds
- Mortars and grout systems
- Anti-slip finishes

Substrate

Plaster, concrete, block work, etc....

Product Data

Packaging size	20 Kg
Form	Powder
Available in (Aggregate size)	Ultra fine, fine, medium, coarse and pyrogenic.
Colors	Beige Granules
Bulk Density	1.60– 2.20 g/cm ³ depending on aggregate size

Application data

The product can be added gradually to the coat mix.

Mixing: Ensure the silica aggregate is evenly dispersed in the Epoxy or Polyurethane system to achieve optimal performance.

Addition Rates: Typically added at a rate of 10-40% by weight depending on the desired properties.



Storage

- Store in cool, dry place away from moist air for 24 months.
- Keep away from heat, ignition sources and from children.
- Keep in original, unopened packaging.

Caution

- Clean mixing container before use. Do not use dirty tools.
- Keep out of the reach of children

Health and safety

Possible Hazards: it causes irritation in case of skin contact & eye contact, flush immediately with plenty of water for at least 10 minutes and seek medical advice in case it happened.

For further information, refer to the material safety data sheet.