

Shield Aggregates

Non-slip, Aggregates for Flooring Broadcast



Description

Shield Aggregates is a range of silica aggregate sizes for use with **Shieldfloor** products to achieve an anti-slip finish and slip-resistant floor system.

Uses

- In wet areas to reduce slippages e.g., in bottling plants, breweries, dairies, chemical plants, food processing areas, aircraft hangers, abattoirs, ramps, carparks, and walkways.
- Turning areas in car parks to reduce "tire squeal" noise, and where improved durability and safety are required.

Characteristics / Advantages

- Available in a range of sizes to fit the required application thickness and finish.
- Ready to use, pre-packed.
- Produces a slip-resistant surface when broadcasted, to produce a surface resistant to impact and heavy traffic.
- Designed for use with **Shieldfloor** products.

Packaging

Shield Aggregates is supplied in 25 kg bags.

Shelf Life and Storage

Shield Aggregates has a shelf life of 12 months when stored in its original unopened packaging in cool and dry conditions, protected from direct sunlight, heat, and moisture. Shelf life may be reduced if the recommended storage conditions are not followed.

Range of Silica Aggregates

Aggregates Mesh 1 (Fine)	0 – 300 microns
Aggregates Mesh 2 (Fine-Medium)	100 – 600 microns
Aggregates Mesh 3 (Medium)	500 – 1000 microns
Aggregates Mesh 4 (Coarse)	1000 – 2000 microns

Application Instructions

Shield Aggregates are broadcast onto the first base coat of **Shieldfloor** coating while still wet to ensure the aggregates embed into the surface and bond properly either by a sprayer or manually, and make sure to distribute them evenly to avoid uneven texture. Let the epoxy coating to achieve a tack-free condition, then use a vacuum cleaner to remove any excess aggregates that have not adhered to the surface. Apply the second coat of the flooring using a roller to the vacuumed area to seal in the aggregates. Depending on the required finish and slip resistance, a third coat may be required if the final coat has a coarse surface. When applying **Shield Aggregates** granules onto resins always be aware of the pot life of that resin to ensure the granules adhere to the surface.

Cleaning

Shield Aggregates granules can easily be removed using a brush or vacuum.

Technical Support

Refer to technical information, method statement, or technical support team for any inquiry.

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