

TECHNICAL DATA SHEET FOR

FLOORSHIELD 842 LIQUID HARDENER

DESCRIPTION : Floorshield 842 Liquid Hardener is a water-based, deep penetrating solution based on fluorosilicates for sealing and dust-proofing friable concrete and masonry surfaces.

When applied to the floor, the solution penetrates into the substrate and reacts chemically with free lime and other soluble particles in concrete and masonry to produce hard, insoluble crystals. The chemical reaction increases the density and abrasion resistance of the treated substrate, leaving behind a permanent, hardwearing and dust free surface.

TYPE : Water-based liquid hardener for concrete

USES Floorshield 842 Liquid Hardener is recommended for:

- Dust-proofing old concrete floors
- As a surface hardener to improve the abrasion resistance of treated concrete, masonry and granolithic floors.
- Improving the density of new concrete to reduce penetration of oil, grease and other chemical solutions.

FEATURES :

- Improve abrasion and impact resistance.
- Improve resistance to oil and grease penetration
- Improve surface hardness - eliminates dust formation from within the treated surfaces
- Can be applied to new and old concrete surfaces
- Easy to apply

APPLICATION DATA

METHOD : Roller, spray or mop

THEORETICAL COVERAGE : 0.2 - 0.6 kg/m²/coat
(Please note that actual coverage depending on porosity of substrate)

SURFACE PREPARATION : The substrate must be fully cured, sound, dry and free of dirt, laitence, oil, grease, curing compounds, existing coatings and other contaminants that may inhibit penetration of Floorshield 842 Liquid Hardener.

DIRECTION OF USE : **Application**
Using a roller, spray or mop, apply 2 coats of Floorshield 842 Liquid Hardener (shake well before use) on the clean, dry substrate, and allow 4-5 hours interval between coats.

The treated floor can be open to traffic after 24 hours.

FLOORSHIELD 842 LIQUID HARDENER**TECHNICAL DATA**

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| Product Type / Colour | Clear penetrating solution based on fluorosilicates |
| Specific Gravity | 1.2 g/ml |
| Abrasion Resistance (GB 9966.4-88) | 0.06 g/cm ³ |

GENERAL INFORMATION

PACKING : 5 kg, 20 kg pail and 200 kg drum

SHELF LIFE : 12 months when stored unopened in a cool & dry place, protected from rain and sunlight and extreme temperatures.

PRECAUTION : Gloves should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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