

Flowchem SP3 – Anti-Dust Sealer/Hardener

Description:

A colourless, penetrating “In surface” reactive chemical hardener which densifies, hardens and boosts the chemical resistance of concrete surfaces. Flowchem SP3 is a highly penetrative surface hardener and dust proofer. It can penetrate up to 40mm depending on the concrete density and having a life expectancy of 15-20 years.

Uses:

New and old concrete floor slabs, warehouses, production areas, silos, silage beds, dairies, car parking bays etc, and dust proofing concrete floors.

Benefits:

- Low cost
- Easy 2 coat application
- Hardens and dust proofs concrete floors
- Improves abrasion resistance
- Improves resistance to chemicals & oils
- Reduces permeability
- Makes cleaning easier

Colour:

Flowchem SP3 is a colourless water based solution. The colour of the impregnated surface is not changed.

Coverage:

Average coverage will be approximately 5m²/kg of Flowchem SP3 for a 2 coat application, dependent on profile and porosity of surface. Please note Flowchem SP3 is a concentrate and should be diluted as per instructions on this datasheet.

Physical Properties:

Density 1.2 kgs / litre

Flashpoint - Flowchem SP3 is water based and non-flammable.

SPECIFICATION

Surface Preparation:

Ensure the concrete surface is clean, sound, dry and free of oil, grease and surface contaminants. Thoroughly remove all loose particles and dust.

Mixing:

	SP3	Water
1st coat -	1 part	2 parts
2nd coat -	1 part	1 part

(parts by volume)

Thoroughly mix in plastic containers. The use of warm water greatly assists the mixing process.

General Precautions:

All metal, glass and paint work should be protected before applying Flowchem SP3.

Application:

Apply liberally by soft broom over the surface and allow to soak in for a period of at least 15 minutes saturation sealing technique to fully arrest porosity. Remove excess by squeegee, do not allow to puddle dry. Apply as second coat diluted as per mixing schedule above when surface of first coat is dry. When second coat is dry thoroughly wash the floor with clean water ensuring that any crystals or residue are removed, the use of a hard broom will assist in this.

Flowchem SP3 can be applied to new concretes after approximately 10 to 14 days, dependent on site temperatures. A slight white residue may occur after an application of Flowchem SP3, which can be removed by washing down with hot water. If white residues do occur, use a more diluted SP3 mix with water.



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Abrasion Resistance:

Meets special duty abrasion resistance AR1 (less than 0.10mm) under C & CA abrasion test as per BS8204-2:1999.

Tool Cleaning:

Mixing vessels and broom etc. can be washed with water.

Shelf Life:

Stored unopened in dry conditions at 10-25°C, shelf life will be 2 years minimum. Ensure material is stored above freezing and is protected from frost.

Packaging:

Flowchem SP3 is supplied in 5, 25 and 200 litre containers.

Health & Safety:

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheets, available from Flowcrete on request and sent with each delivery.

Further information:

Flowchem SP3 is a Flowcrete product. Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. Flowcrete have a wealth of technical and practical experience built up over many years in our pursuit of excellence in flooring and concrete technology.

Important Notice

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