

FIBSIL

Modified Organic Curing Compound

DESCRIPTION

Fibsil is a sprayable sodium silicate based compound for surface application to harden, cure, seal and dustproof concrete. It can be used on all new concrete surfaces whether fresh or already cured and can be used on older, dusting concrete surfaces.

AREAS OF APPLICATION

- Interior or exterior horizontal concrete
- Educational and medical facilities
- Office and multi-residential buildings
- Warehouse floors
- Food storage areas
- Fibsil is often used to cure concrete

FEATURES & BENEFITS

- Seals, hardens, cures and dustproofs in one operation
- No solvent vapors when applying
- Mortar and concrete can be easily removed from a Fibsil treated floor
- Resists penetration of oil and chemicals and deteriorating actions of salts
- Equipment can be cleaned with water
- Can be tiled over
- Can also be used with wax based curing compounds

SPECIFICATIONS & COMPLIANCES

- Complies with Federal Specifications and Corps of Engineers Specifications for sodium silicate concrete surface treatment.
- Conforms ASTM C 309

TECHNICAL SPECIFICATIONS

Typical Performance Application Foot Traffic Wheel Traffic

APPEARANCE

Cure Time

4 - 6 hours 24 hours

Fibsil is a white liquid which dries white.

COVERAGE

3.8 litre of Fibsil will cover from 14 to 56m² of concrete surface depending upon the porosity of the concrete and job requirements. The following rates of coverage are approximate.

m²/litre

	Rough Finish	Finely Textured	Well Troweled
Fresh Concrete	7.4	9.8	12.3
Newly cured bare concrete	8.4	7.4	9.8
Floors to be tiled			12.3
Dusting concrete or		7.4	12.3



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Additional coats - After initial coat, additional coats may be required to seal the surface. The coverage will increase with each additional coat.

APPLICATION METHODOLOGY

SURFACE PREPARATION

The concrete surface must be clean, dry and free of any contaminant or coating which may interfere with the penetration of Fibsil

MIXING

Fibsil is ready to use and requires no pre-mixing.

PLACEMENT

Apply Fibsil to a concrete surface in a continuous film. Best results will be achieved with a hand or power sprayer although a soft bristle broom or squeegee may also be used. Brush out all puddles and runs immediately. Concrete abrasion resistance increases with additional coats of Fibsil. Each coat must be thoroughly dry before applying a succeeding coat. When used as a cure, coat the edges of the slab first after screeds are removed.

PRECAUTIONS

- Protect Fibsil from freezing, although no damage will thereby ensue. In the event of freezing, thaw and stir or agitate before using.
- Protect metal, glass, wood, paint or brick from contact with Fibsil. If accidentally misapplied, wash surface with potable water immediately.
- If added abrasion resistance is required in new construction, consider the use of a dry shake floor hardener. See Fibfloor HT, Fibfloor HTM, Fibfloor HD data sheets
- Allow the product to dry 4 - 6 hours before exposure to foot traffic.
- If excess Fibsil is left on the concrete surface, a white residue may form and should be removed by scrubbing immediately.

PACKAGING

Fibsil is packaged in 5,20 & 200 Litre

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