

PRODUCT DESCRIPTION: Fibsil is a spray-able 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 and exterior concrete
- Curing compound for fresh concrete
- Sealing old concrete
- 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

ADVANTAGE

- 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 also be used with wax based curing compounds
- Compatible with many paints, adhesives, and resilient floor coverings
- Seals concrete surfaces to protect from the effects of weathering
- Helps eliminate dusting and hardens concrete surface by promoting proper cement hydration.
- Resistant to yellowing
- Excellent moisture retention
- Provides a transparent or white curing film for new concrete

APPLICATION

SURFACE PREPARATION

Cement bound surfaces must be dry, firm, offer good traction, free from loose particles, dust and dirt and additionally free of oil, grease and other impurities.

MIXING

Fibsil requires no pre-blending and should be used directly from the container but stir well before use.

APPLYING AND LAYING

Apply at a uniform coverage by spray or roller application. Product may be sprayed with a hand held "pump-up" sprayer or with an airless industrial sprayer. If roller applied, use a short napped, solvent resistant sleeve.

CURING APPLICATION

For the best cure of freshly placed concrete, apply FIBSIL as soon as possible after finishing operations and/or immediately after the disappearance of the "sheen" of surface moisture.

SEALING APPLICATION

When sealing old concrete, the surface must be clean and dry. Remove contaminants and stains such as waxes, grease and oil with strong soaps or caustics rather than acids. Badly worn or porous areas may need a second application to attain a uniform seal and surface gloss.

CLEAN UP

Clean all tools immediately after use with water. Do not allow material to harden. Any hardened material will need to be removed mechanically.

TECHNICAL SPECIFICATIONS

Appearance		translucent liquid	
Solids		27-30%	
Coverage			
Substrates	Rough Finish	Finely Textured	Well Troweled
Fresh Concrete	7.4 m ² /kg	9.8 m ² /kg	12.3m ² /kg
Newly cured bare concrete	8.4 m ² /kg	7.4 m ² /kg	9.8 m ² /kg
Floors to be tiled			12.3m ² /kg
Dusting concrete		7.4 m ² /kg	12.3m ² /kg
Cure Time			
Foot Traffic		4 - 6 hours	
Wheel Traffic		24 hours	
Specifications & Compliances		ASTM C 309, Federal Specifications and Corps of Engineers Specifications for sodium silicate concrete surface treatment.	

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PACKAGING

Fibsil available in 5 kg can, 15 kg can set, 20 kg bucket and 200 kg barrel.

STORAGE

Store the material at temperatures between + 10° C and + 45° C in originally sealed packages, the material can be stored for 12 months. But before opening the drums, be assured that the temperature of the materials has the ambient temperature to avoid condensation. Open containers of material should be used quickly to avoid moisture contamination.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

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