

# Fabrishield® 130L

- Penetrating
- Hardening
- Dustproofing
- Zero VOC's
- Lithium Silicate

## DESCRIPTION AND USE

FABRISHIELD® 130L is a clear, penetrating sealer, hardener, and dustproofer, which provides invisible protection for concrete surfaces. When properly applied, it creates a surface which is easier to clean, more durable, and more resistant to the penetration of a variety of liquids.

FABRISHIELD® 130L is a water-based, lithium silicate solution which reacts with certain calcium substances within the surface to be treated, triggering a chemical reaction that actually densifies the surface and creates a hard insoluble gel within the pores of the substrate.

## ADVANTAGES

Surfaces treated with FABRISHIELD® 130L sealer exhibit improved water and oil repellency thus reducing maintenance costs as well as making future cleaning easier. Because FABRISHIELD® 130L sealer stabilizes the free lime in concrete surfaces, dusting is eliminated. This ensures that overlayers such as linoleum, carpet, and vinyl tiles benefit from the stabilization of this lime (which otherwise reduces the effectiveness of adhesives as well as generating dust).

Because FABRISHIELD® 130L sealer actually densifies the substrates to which it is applied, helping to increase the abrasion resistance of these surfaces. Denser surfaces are more resistant to the penetration of water, oil, acids, and other chemicals. FABRISHIELD® 130L sealer is water-based, thus eliminating harmful vapours during application as well as making the product suitable for application to marginally dry surfaces.

## APPLICATION

Use product as supplied; do not dilute. Consult Material Safety Data Sheet before using. Ambient conditions should be between 4°C and 35°C for best performance.

### *New Concrete Surface Preparation:*

Allow concrete to cure for at least three days prior to application. If a curing compound has been used, this must be removed before applying Fabrishield® 130L. If there is too much moisture present in the concrete, this will impede the proper penetration of the product. Cold temperatures or high humidity can slow the ability of the concrete to adequately dry before application.

### *Old Concrete Surface Preparation:*

Concrete to be treated must be clean and free of any materials which could prevent adequate penetration of Fabrishield® 130L. All oil, dirt, dust, grease, or other substances (including paints, coatings, curing and sealing compounds) must be removed prior to the application of the sealer. Consult the manufacturer for the suitable FABRIKEM® products formulated to work in conjunction with FABRISHIELD® 130L. Care must be taken to ensure that the concrete has properly dried before attempting application of sealer.

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### **Installation (New or Old Concrete):**

When applying FABRISHIELD® to horizontal surfaces, use sufficient material to uniformly cover the areas to receive treatment, being careful to avoid the creation of puddles. Should puddles form, redistribute within 15 minutes of application. Sufficient material should be placed on the surface to remain wet for 5-10 minutes. Once product has commenced drying, do not brush or roll further. The presence of whitish deposits indicates the excessive application of material. These deposits should be scrubbed with a stiff brush to be removed.

Surfaces treated with Fabrishield® 130L may be buffed or burnished.

### **LIMITATIONS**

FABRISHIELD® should be applied to dry surfaces. The surface and ambient temperatures should be a minimum of 4°C (40°F) and expected to remain so for at least 24 hours following application. Do not allow FABRISHIELD® to reach surfaces which can be damaged by alkali solutions (this is especially true of aluminum). Care should be taken to avoid getting FABRISHIELD® 130L on glass or porcelain. Any overspray must be wiped off immediately. Do not subject treated surfaces to rain or foot traffic for at least 4-6 hours after treatment has dried.

### **CAUTION**

FABRISHIELD® 130L is mildly caustic (alkaline) and should be handled accordingly. Protective gear (gloves, goggles, clothing, etc.) should be worn. **AVOID CONTACT WITH SKIN.** Consult the product MATERIAL SAFETY DATA SHEET before using.

### **COVERAGE**

Coverages can vary from 250 to 600 square feet per gallon depending on the porosity and surface texture of the substrate. Typical coverage on smooth trowelled concrete is 375 square feet per gallon and broom finished is 300 square feet per gallon. Two coats are usually recommended.

### **GUARANTEE**

FABRIKEM MANUFACTURING LTD. guarantees its products when they are applied in accordance with its printed instructions. Results of inadequate surface preparation, improper mixing, incorrect application, inadequate protection, and other factors beyond the manufacturer's control cannot be held to the manufacturer's responsibility. No responsibility can be accepted beyond the purchase price of the product.

### **LEED INFORMATION**

VOC's = 0 g/l (water out)  
Manufactured in Langley BC  
Harvested/Extracted in Langley BC  
0% Recycled Content (Consumer and/or Industrial)

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[www.fabrikem.com](http://www.fabrikem.com)

20361 DUNCAN WAY, LANGLEY, BC CANADA V3A 7N3  
T 604-532-3883 F 604-532-3164 E [info@fabrikem.com](mailto:info@fabrikem.com)

  
**FABRIKEM**  
Toll Free: 800-441-7456