

Fabrishield® 140N

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

DESCRIPTION AND USE

FABRISHIELD® 140N is a clear, penetrating treatment, hardener, and dustproof, 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® 140N is a water-based, colloidal (nano) 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® 140N exhibits improved water and oil repellency thus reducing maintenance costs as well as making future cleaning easier. Because FABRISHIELD® 140N 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® 140N actually densifies the substrates to which it is applied, helping to increase the abrasion resistance of those surfaces. Denser surfaces are more resistant to the penetration of water, oil, acids, and other chemicals. FABRISHIELD® 140N is water-based, thus eliminating harmful vapours during application as well as making the products 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 Surfaces:

Apply Fabrishield® 140N to freshly placed concrete after the final trowel. Application is best performed with a low pressure (pump type) sprayer. Effort must be made to apply a uniform coat avoiding the creation of puddles. Continue to apply sufficient material to keep the surface wet for 10 – 20 minutes. Cold temperatures or high humidity can slow the drying after application.

Old Concrete Surfaces:

Concrete to be treated must be clean and free of any materials which could prevent adequate penetration of Fabrishield® 140N. All oil, dirt, dust, grease, or other substances (including paints, coatings, curing and sealing compounds) must be removed prior to the application of FABRISHIELD® 140N. Consult the manufacturer for the suitable FABRIKEM® products formulated to work in conjunction with FABRISHIELD® 140N. Care must be taken to ensure that the concrete has properly dried before attempting application.

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Surfaces treated with Fabrishield® 140N 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® 140N 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® 140N 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 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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