

Fabrishield® 400 Series

- Penetrating
- Water Repellent
- Aesthetic Protection
- Improved Service Life
- Paintable Finish

DESCRIPTION AND USE

FABRISHIELD® 400 is a series of clear, penetrating sealers and water repellents, which provide invisible protection for above-grade concrete, masonry, wood, and stucco surfaces. When properly applied, they keep vertical surfaces dry and stop water intrusion. This, in turn, helps these surfaces to resist stain damage, algae growth, freeze-thaw spalling, efflorescence, and alkali run-downs (which can damage glass).

FABRISHIELD® 400 series sealers are a blend of polymerized organic and inorganic solids carried in an aliphatic hydrocarbon solvent. They are based on chemistry incorporating metallic stearates and do not contain silicone, oil, wax or varnish; they are therefore suitable as a pre-seal for concrete block prior to painting.

ADVANTAGES

Surfaces treated with FABRISHIELD® 400 series sealers exhibit good water repellency for four to six years. By remaining water repellent, treated surfaces stay cleaner, thus reducing maintenance costs as well as making future cleaning easier.

Because FABRISHIELD® sealers are a penetrating type, they are unaffected by surface abrasion. Their breathable nature allows moisture vapour to migrate from interior to exterior surfaces.

APPLICATION

Test each surface to ensure compatibility, to confirm product selection, to establish typical coverage rate and to confirm degree of water repellency. The surfaces to receive FABRISHIELD® should be clean, free of stains, vegetative growth, and efflorescence, thoroughly sound and in good repair. Any deficiencies should be corrected prior to the application of FABRISHIELD® (this should include caulking). On new construction or where repairs have been undertaken, surfaces should be allowed to cure for a minimum of 28 days.

Materials selection should be based upon optimum penetration and resultant repellency. FABRISHIELD® 400 series sealers are designed for the following uses:

FABRISHIELD® 407 – Concrete, brick, wood and dense substrates.

FABRISHIELD® 410 – Light-weight block and porous substrates.

It should be noted that in some instances, one of these products may give optimum performance for a particular substrate other than those designated above. Test panels are therefore imperative. Apply material as supplied. **DO NOT DILUTE OR ALTER MATERIAL AS PACKAGED.**

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Preferred method of application is with low pressure, garden type spray equipment; however brush or roller application is adequate where appropriate. Rubber hoses and gaskets in some tank sprayers may be affected by the solvent carrier causing discolourations.

When applying FABRISHIELD[®], it is suggested that the substrate receive an initial light "mist" coat to break the surface tension. This should then be followed immediately by a uniform flood coat which allows just enough material to carry a 6 inch rundown from the contact point. Application should be made in an overlapping pattern and coverage controlled to approximately that established by the test panels. If test panels have indicated the need for a second coat (which is normally the case), above procedures should be repeated, allowing at least 24 hours for the first coat to dry.

LIMITATIONS

FABRISHIELD[®] should not be applied to surfaces which have been wet or rained on during any of the four preceding days or if rain is expected within four hours following application. 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 such as shrubbery, insulation, roofing, and asphaltic materials. Care should be taken with the use of FABRISHIELD[®] on some stucco, as the solvent carrier can cause "bleeding" of certain metallic oxides.

Protect all surrounding surfaces such as aluminum, glass, and porcelain, or clean of within 45 minutes of application. All painted surfaces should be protected.

FABRISHIELD[®] 400 contains petroleum solvents and should be handled accordingly. Adequate ventilation must be provided and prolonged inhalation of vapours avoided. Material must be kept away from fire or flame. Goggles are advised to avoid eye irritation. **AVOID CONTACT WITH SKIN.** Consult the product MATERIAL SAFETY DATA SHEET before using.

COVERAGE

Coverages can vary from 50 to 300 square feet per gallon depending on the porosity and surface texture of the substrate. **TEST PANELS ARE THEREFORE IMPERATIVE.** The table below shows typical coverage rates which should be helpful for estimating the amount of material required. These rates are approximate; however, the determining factor for adequate coverage is the amount of rundown as noted above.

Substrate	Coverage
Concrete & Stone	145-190 sq.ft./gal.
Extruded Clay Brick	100-115 sq.ft./gal.
Smooth Textured Stucco	190-220 sq.ft./gal.
Smooth Faced Block	50- 70 sq.ft./gal.
Wood Shingles & Rough Wood	100-130 sq.ft./gal.

POROUS SUBSTRATES WILL REQUIRE ADDITIONAL MATERIAL

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.

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