

# Fabrishield® M.S. 230

- Water-Based Formulation
- Water Repellent
- Aesthetic Protection
- Penetrates Surface
- Water Vapour Permeable

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## DESCRIPTION AND USE

FABRISHIELD® M.S. 230 is a clear, penetrating water repellent which provides invisible protection for above-grade, manufactured stone surfaces. When properly applied, it keeps vertical surfaces dry thus helping these surfaces to resist stain damage, algae growth, freeze-thaw spalling, efflorescence, and alkali rundowns (which can damage glass). Surfaces treated with FABRISHIELD® maintain their original aesthetic qualities longer through prolonged service life.

FABRISHIELD® M.S. 230 is a water-based modified silane solution. It is especially formulated to not alter the shade of the treated surface. It is also odourless.

## ADVANTAGES

Surfaces treated with FABRISHIELD® M.S. 230 exhibit good water repellency for five years. By remaining water repellent, treated surfaces stay cleaner, thus reducing maintenance costs as well as making future cleaning easier. Because FABRISHIELD® M.S. 230 is a penetrating type sealer, it is unaffected by surface abrasion. This deep penetration means no aesthetic change. The breathable nature of the sealer allows moisture vapour to migrate from interior to exterior surfaces. The water-based property of FABRISHIELD® M.S. 230 means there are no objectionable solvent odours. Because it is water miscible, some surface dampness is tolerable.

## APPLICATION

Test each surface to be treated 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).

It should be noted that test panels are imperative. Apply material as supplied. **DO NOT DILUTE OR ALTER MATERIAL AS PACKAGED.** Preferred method of application is with low pressure, garden type spray equipment; however brush or roller application is adequate where appropriate. Material can also be applied by airless spray equipment; however it is essential that the pressure be set very low so as to prevent atomization of the sealer upon leaving the tip.

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 3 inch rundown from the contact point. Application should be made in an over-lapping pattern and coverage controlled to approximately that established by the test panels.

Should testing show that two coats are required, it is unlikely that a second coat of FABRISHIELD® M.S. 230 can be applied as the hydrophobic nature of the cured product will repel the water present in the second coat. Use of a solvent based formulation may be required. Consult the manufacturer for further details.

## LIMITATIONS

FABRISHIELD® should not be applied to surfaces which have been excessively wet or rained on during any of the three preceding days or if rain is expected within twenty-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. Although not essential, it is advisable to protect all surrounding surfaces such as aluminium, glass, and porcelain. It is advisable not to allow FABRISHIELD® M.S. 230 to reach surfaces such as shrubbery, glass, or aluminium. Should contact occur, clean of within 45 minutes of application. All painted surfaces should be protected.

Extreme care must be taken to avoid applying too much product. Should FABRISHIELD® M.S. 230 be applied in excess, a whitish deposit will be observed. Should this condition exist, consult the manufacturer for specific cleaning details.

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 80 to 300 square feet per gallon depending on the porosity, profile, 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. However, these rates are approximate: the determining factor for adequate coverage is the amount of rundown as noted above.

<b>Substrate</b>	<b>Coverage</b>
Smooth Faced Stone (low profile)	250-300 sq.ft./gal.
Smooth Faced Stone (deep profile)	150-200 sq.ft./gal.
Rough Textured Stone (low profile)	150-200 sq.ft./gal.
Rough Textured Stone (deep profile)	80-150 sq.ft./gal.

**POROUS SUBSTRATES 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.

Bulletin 180 – 05/05

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