

# Fabrishield® Paint Repellent

- Water & Paint Repellent
- Water Based Formula
- Chemically Bonded
- Aesthetic Protection
- Water Vapour Permeable

Bulletin 58-E  
08/'03

## DESCRIPTION AND USE

FABRISHIELD® PAINT REPELLENT is a series of clear, penetrating sealers and liquid repellents which provide protection of masonry surfaces against both water ingress and graffiti application (paint and marker). The products are formulated with a unique, proprietary blend of polymers, organo-silanes, and siloxanes. FABRISHIELD® PAINT REPELLENT is fully compatible with all other FABRISHIELD® water repellents and sealers.

## ADVANTAGES

FABRISHIELD® PAINT REPELLENT is designed to provide maximum protection to the treated surface without adversely altering the appearance of the substrate. Because it does not form a continuous film, it allows the transmission of water vapour through treated surfaces. Unlike many "anti-graffiti" products, it is not sacrificial and can be cleaned a number of times without the need for reapplication of the FABRISHIELD® PAINT REPELLENT. Because it is water-based, the product is low in V.O.C.'s (volatile organic compounds). Because of its quick cure time, FABRISHIELD® PAINT REPELLENT provides protection against graffiti within about four hours of application.

## SURFACE PREPARATION

All surfaces to be treated must be clean, free of stains, rust, vegetative growth, efflorescence, or any other loose, unsound, or foreign materials which might inhibit the penetration, adhesion, and long term performance of the product. Pressure washing is the preferred method of surface preparation provided the substrate is capable of withstanding such a process.

## APPLICATION

After the surface has been properly cleaned and allowed to dry (24 - 72 hours) depending on ambient conditions, FABRISHIELD® PAINT REPELLENT should be applied using low pressure spray. The surface should receive an initial light "mist" coat to break the surface tension followed immediately by a flood coat — applying just enough material to carry an approximate 4" (10 cm) rundown from the contact point. Care must be taken to provide a uniform application of the material. Excessive flooding of the surface could lead to a surface deposition and unsightly darkening. **DO NOT DILUTE OR ALTER FABRISHIELD® PAINT REPELLENT**

## GRAFFITI REMOVAL

Part of the FABRISHIELD® PAINT REPELLENT system is FABRIKEM® PR CLEANER. This is a specially formulated stripper which is designed to work in conjunction with the FABRISHIELD® PAINT REPELLENT sealer. Apply sufficient FABRIKEM® PR CLEANER to completely cover the graffiti to be removed. The preferred method of application is by stiff brush, working the cleaner into the graffiti. The approximate coverage rate of the cleaner is 75 ft<sup>2</sup>/gal. Allow a minimum dwell time of one hour (this time will vary depending on ambient and substrate temperatures — if cold, dwell time must be extended; if warm, dwell time may be shortened). Just before removal, apply additional cleaner, work in with a brush. Pressure wash using approximately 1000 - 1500 psi cold water. The use of hot pressure washing is not recommended with this system.

## COVERAGE

Coverage will vary depending on surface porosity, absorption, profile, and previous treatments. Test panels should be done to establish site and substrate specific conditions and coverage rates. Approximate coverages are given below:

<b>Substrate</b>	<b>Product</b>	<b>Coverage</b>
Concrete & Stone	Fabrishield® PR-60	175 – 225 ft <sup>2</sup> /gal.
Clay Brick & Tile	Fabrishield® PR-61	100 - 150 ft <sup>2</sup> /gal.
Stucco (cementitious)	Fabrishield® PR-62	125 - 175 ft <sup>2</sup> /gal.
Concrete Block	Fabrishield® PR-63	75 – 125 ft <sup>2</sup> /gal.

## LIMITATIONS

Do not apply FABRISHIELD® PAINT REPELLENT if the substrate has been wet or rained upon during the prior 24 - 72 hour period. Variations in substrate moisture content and ambient conditions account for this time interval range. If weather has been consistently warm and dry, then 24 hours should be adequate. If weather has been cold and damp, then a longer period is required. Do not apply if substrate or ambient temperature is less than 4°C (40°F) or greater than 30°C (85°F). Do not apply to frozen or frost filled surfaces.

It is critical that a test panel be done prior to large scale application to confirm coverage rates (and number of coats) and to ensure that the substrate to be treated will accept FABRISHIELD® PAINT REPELLENT without negative aesthetic effects.

On masonry which has been previously treated (either in the factory or on-site), contact FABRIKEM® Technical Services for specific product recommendations.

## TECHNICAL PROPERTIES

<b>PROCEDURE</b>	<b>PURPOSE</b>	<b>RESULTS</b>
A.S.T.M. E-514	Wind Driven Rain	No penetration (24 hours)
A.S.T.M. D-1653-91a	Water Vapour Transmission	99.17% of untreated specimen
A.S.T.M. C-67-89a (modified)	Efflorescence Transmission	Passes efflorescence
VOC Content $\frac{W_{VOC}}{(V_M - V_{H2O} - V_{FC})}$	Volatile Organic Compounds (Less Water Basis)	<450 grams per litre

## GUARANTEE

FABRIKEM guarantees its products when 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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