

# Face Brick: Damp-Proofing Recommendations

## Masonry Product

FACE-BRICK as manufactured by Mutual Materials Co., Bellevue, WA 98005.

## Materials

FABRISHIELD® 761 SILANE/SILOXANE WATER REPELLENT (VOC compliant), a blend of monomers and polymers as manufactured by Fabrikem Manufacturing Ltd. This product is a state of the art clear water repellent that penetrates deeply, reacts with alkalines in the wall that locks the repellent in, is long lasting and allows a high rate of vapor transmission.

## During Construction

Test each surface to be treated to insure 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, vegetable growth and efflorescence, thoroughly dry, sound and in good repair. Any deficiencies should be corrected prior to the application FABRISHIELD® (this should include caulking). On new construction or where repairs have been undertaken, optimum performance of the water repellent is achieved with a 28-day cure of the masonry. Sealer can be applied after 7 days of cure to reduce efflorescence but this may result in less water repellency - 28 day cure time is recommended for greatest water repellency.

It should be noted that test panels are imperative. Apply materials as supplied - DO NOT DILUTE or ALTER FABRISHIELD®. Preferred method of application is with a hand held, manual pump, and low-pressure sprayer. (Do not use an airless paint sprayer.)

Brush or roller application is adequate where appropriate. (Rubber hoses, gaskets and similar materials may be affected. Check for compatibility.)

When applying FABRISHIELD®, it is suggested that the substrate receive an initial light "mist" coat to break the surface tension. This should be followed immediately by a flood coat, which allows just enough material to carry a four-inch rundown with FABRISHIELD® 761. Application should be made in an overlapping pattern and coverage controlled to approximate that established by the test panels.

## Coverage

Typically FABRISHIELD® 761 should be applied in one coat with total coverage at 75-120 square feet per gallon. **Test panels are imperative to determine proper coverage rates.**

## Precautions

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 12 hours following application.

FABRISHIELD® contains specific solvents and should be handled accordingly. Adequate ventilation should be provided and prolonged inhalation of vapors avoided. Material must be kept away from fire and flame. Goggles are advised to avoid eye irritation. **AVOID CONTACT WITH SKIN.**

## Advantages

FABRISHIELD® 761 exhibits water repellency for 5 to 10 years. This repellency helps treated surfaces to remain cleaner, thus reducing maintenance costs as well as making future cleaning easier.

Because FABRISHIELD® 761 is a penetrating type water repellent, it is not affected by surface abrasion. The deep penetration also means no aesthetic change. The breathable nature of this repellent allows moisture vapor to migrate from interior to exterior surfaces.

## Specifications

*This material should be specified in the masonry section to insure a quality application and to establish positive responsibility. It is also wise to require a job meeting with the Architect, General Contractor, Mason and Applicator (if other than Mason) to establish criteria and to determine if the wall is ready.*

Damp-proof exterior above grade surfaces of brick with one coat of FABRISHIELD® 761 as manufactured by Fabrikem Manufacturing Ltd.

Apply as per Mutual Materials Co. BRICK DAMP-PROOFING RECOMMENDATIONS.

