

Fabrishield® PS-470

- Chemically Bonded
- Enhanced Aesthetics
- Water Repellent
- Penetrating Protection
- Extended Service Life

DESCRIPTION AND USE

FABRISHIELD® PS-470 is a clear, penetrating sealer and water repellent which provides invisible protection for concrete paver and hardscape surfaces. When properly applied, it keeps treated surfaces dry and resists water intrusion. This, in turn, helps these surfaces to resist stain damage, algae growth, freeze-thaw spalling, and efflorescence.

FABRISHIELD® PS-470 is a solvent-based, VOC compliant (<70 grams per litre), proprietary blend of modified silane/siloxane monomers and polymers which react with the alkalinity of the surface to be treated, triggering a chemical reaction that results in the sealer becoming an integral part of the base substrate, thus creating a water repellent barrier.

ADVANTAGES

FABRISHIELD® PS-470 is specifically designed for use on pavers and hardscape concrete surfaces and is fully compatible with the constituent components found in these materials. By remaining water repellent, treated surfaces stay cleaner, thus reducing maintenance costs as well as making future cleaning easier. It is part of a family of integrated solutions formulated to clean, enhance, and protect concrete pavers and hardscape surfaces.

Because FABRISHIELD® PS-470 is a penetrating type sealer, it remains unaffected by surface abrasion. This deep penetration means no aesthetic change. The breathable nature of the sealer allows moisture vapour to migrate through treated surfaces.

APPLICATION

Surfaces to be treated must be clean and free of defects. A range of FABRIKEM® PAVER CLEANERS are available to address such issues as efflorescence, rust, oil and grease, or moss and algae (see our Bulletin 190 for general recommendations). Surfaces to be treated must be thoroughly dry and no precipitation (or adjacent irrigation) expected for at least 24 hours following application. Ambient and substrate temperatures must be above 4°C but below 30°C during and immediately following application.

A test panel in an inconspicuous place is always advisable before undertaking full scale application. Variations in conditions such as surface profile, porosity, and underlying state can impact the final appearance. A test panel helps predict what the finished project will look like and whether or not the desired effect is achievable.

Once surface preparation and testing have been completed, apply the selected product in a uniform manner, consistent with the technique employed in preparing the test panel. 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. Rubber hoses and gaskets in some sprayers may be affected by the solvent carrier causing discolourations.

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COVERAGE

Coverage will vary depending upon substrate condition and porosity and application requirements to achieve desired effect. Typical coverage is about 100 square feet per gallon; however a test panel will determine more precise coverage for the actual surface to be treated.

LIMITATIONS

FABRISHIELD® PS-470 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.

Protect all surrounding and adjacent surfaces. Do not to allow FABRISHIELD® PS-470 to reach surfaces such as shrubbery, landscaping, glass, or aluminium. Do not let this product come in contact with any surface which is susceptible to deterioration through solvent interaction. All painted surfaces must be protected.

Goggles are advised to avoid eye irritation. **AVOID CONTACT WITH SKIN.** Keep away from ignition sources and use only in well ventilated areas. Consult the product MATERIAL SAFETY DATA SHEET before using.

GUARANTEE

FABRISHIELD® PS-470 is manufactured with the finest raw materials, under exacting care to produce a product of the highest quality. FABRIKEM MANUFACTURING LTD., as always, 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 be the manufacturer's responsibility. No responsibility can be accepted beyond the purchase price of the product.

LEED INFORMATION

VOC's = <70 g/l (exempt solvents out)
Manufactured in Langley BC
Harvested/Extracted in Langley BC
0% Recycled Content (Consumer and/or Industrial)

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