

Fabrishield® PS-500

- Water Based
- Colourless
- Protects Concrete Pavers
- Won't Damage Membranes
- Environmentally Friendly

DESCRIPTION AND USE

FABRISHIELD® PS-500 is a series of modified methacrylate resin based, clear sealers and water repellents, which provide colourless protection for above-grade concrete pavers. When properly applied, they keep treated surfaces dry and stop water intrusion. This, in turn, helps these surfaces to resist stain damage (including oil and grease), algae growth, freeze-thaw spalling, and efflorescence. They are also ideally suited for enhancing the colour of concrete pavers. FABRISHIELD® PS-500 series sealers are water based and contain no harmful solvents.

ADVANTAGES

Surfaces treated with FABRISHIELD® PS-500 series sealers exhibit good water repellency for four to five years. By remaining water repellent, treated surfaces stay cleaner, thus reducing maintenance costs as well as making future cleaning easier.

Because FABRISHIELD® PS-500 sealers are breathable they allow moisture vapour to migrate from interior to exterior surfaces, yet rainborne pollutants and contaminants are effectively repelled. Because they are water based formulations, they do not have any objectionable solvent odour, are not harmful to vegetation, and will not damage painted surfaces, roofing materials, insulation, asphaltic materials, or other commonly used waterproofing membranes.

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).

If a coloured sealer is required, FABRITONE® PAVER STAIN should be used.

Materials selection should be based upon optimum penetration and resultant repellency. FABRISHIELD® PS-500 series sealers are designed for the following uses:

FABRISHIELD® PS-515

(15% solids) - Optimum penetration with minimal surface film.

FABRISHIELD® PS-520

(20% solids) - Good penetration with heavier surface protection.

FABRISHIELD® PS-530

(30% solids) - Satisfactory penetration with optimum surface protection.

In sealing flatwork, two factors should be kept in mind. For the purposes of "dust-proofing", FABRISHIELD® PS-515 is perfectly adequate. If, however, the surface will be subjected to heavy traffic, a higher solids formulation may be more desirable.

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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.

If test panels have indicated the need for a second coat (which is usually the case), above procedures should be repeated, allowing at least 4 - 6 hours for the first coat to dry.

Horizontal surfaces should be properly cleaned with the appropriate FABRIKEM® cleaner before applying the sealer (consult the manufacturer for product recommendations). Apply FABRISHIELD® in a uniform flood coat. Redistribute any puddles which remain after 10 minutes. If a second coat is required, allow 4-6 hours for the first coat to dry sufficiently.

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 APPLY FABRISHIELD® TO SURFACES WHICH ARE FROZEN OR FROST-FILLED.

Protect all surrounding surfaces such as aluminum, glass, and porcelain, or clean of within 45 minutes of application. **AVOID CONTACT WITH SKIN.** Consult the product MATERIAL SAFETY DATA SHEET before using.

COVERAGE

Coverages can vary from 75 to 300 square feet per gallon depending on the porosity and surface texture of the substrate. **TEST PANELS ARE THEREFORE IMPERATIVE.** Typical coverage on concrete pavers which are sound and tightly spaced is about 175 to 200 square feet per gallon. Severely eroded or porous pavers (as well as units which are spaced widely apart) 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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