

Bomanite®

The Paving Innovators

CON-SHIELD

Technical Bulletin

Con-Shield, a penetrating water-based sealer is a proprietary, hydrolyzed, lithium quartz compound designed to provide waterproofing protection and increase abrasion resistance while hardening and stabilizing a surface that would otherwise be "dusty" or soft. Con-Shield can be used on colored or natural concrete, common brick, plaster, porous limestone, and Mexican tile. The appearance of the surface is unaffected and there is no film or coating to be worn away over time.

Con-Shield creates a permanent, breathable, yet insoluble surface that can be used as a final coating or as a moisture protection barrier prior to the installation of topical overlays such as Micro-Top or Thin-Set. Con-Shield works by penetrating and reacting with mineral compounds and/or siliceous materials to create a cementing/gluing effect. This in turn waterproofs, hardens and eliminates most types of efflorescence. Con-Shield is also an excellent pretreatment to cured concrete when applying acrylic sealers and will eliminate the fogging and peeling problems that occur due to subsurface moisture.

FEATURES AND BENEFITS:

- INCREASES ABRASION RESISTANCE
- PERMANENTLY WATERPROOFS CONCRETE
- CREATES A HARDENED SURFACE
- PROTECTS ACRYLIC SEALERS FROM FOGGING AND PEELING AS A RESULT OF SUBSURFACE MOISTURE
- CANNOT BE CHEMICALLY OR PHYSICALLY REMOVED
- NO RE-TREATING NEEDED
- NO MIXING REQUIRED
- NONTOXIC
- PROTECTS AGAINST OIL, FOOD AND CHEMICAL STAINS

GENERAL INFORMATION:

Packaging	Available in 1-gallon, 5-gallon and 55-gallon containers.
Storage	Do not allow to freeze.
Shelf Life	Approximately one year.
Coverage Rates	Because Con-Shield is a true penetrating sealer, coverage rates may fluctuate dramatically depending on the porosity of the surface. Normally 3-5 coats are required at a rate of 500-600 sq. ft. per gallon/per coat. Total yield ranging between 120-200 sq. ft. per gallon. Very porous materials, such as saltillo tile and limestone, may require additional coats. To be effective Con-Shield must be applied to rejection.
Limitations	Con-Shield will not seal structural cracks, voids or holes in concrete. Existing sealers, curing agents, oils, paints and other similar materials must be removed before Con-Shield can be applied.
Warranty	Bomanite Con-Shield, a proprietary product, is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact Bomanite Corporation.
Cautions	Con-Shield should not be applied to surfaces below 40 degrees Fahrenheit or above 100 degrees Fahrenheit. Con-Shield can adhere to glazed materials such as metals, glass and ceramic tile. Excess Con-Shield left to dry on the surface will result in a white, scaly or glossy residue that is impossible to remove. Excess Con-Shield will also prevent bonding of materials applied over it.

FOR MORE INFORMATION, CONTACT YOUR LOCAL BOMANITE LICENSEE.

Bomanite®

Your affordable,
durable paving solution



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