Protectosil® Building Protection
Low VOC Water Repellents, Corrosion Inhibitors, Antigraffiti & Crack Sealers
Protectosil® AQUA-TRETE® 40
Water-based silane emulsion in 40% concentration for above grade application. Ideally suited for applications where solvent-borne products are not acceptable.

Protectosil® Crack Sealer HE
2-component low viscosity reactive methylmethacrylate (MMA) for use in sealing cracks in concrete structures.

Protectosil® BHN, Protectosil® BHN Plus
100% silane treatments which provide excellent long term chloride screening on wearing surfaces, such as bridge decks and parking garages. Additional benefits include ability to apply in low temperatures (20°F) as well as dry times of 1 hour or less. deep-penetrating 100% silane.

Suitable Substrates

Protectosil® for Parking and Bridge Decks
The main deterioration mechanism for concrete decks is corrosion of reinforcement and scaling of concrete. Protectosil® products for concrete decks are designed to repel water and chlorides, reducing deterioration and increasing surface life. Protectosil® products penetrate deeply to provide long service life even on wearing surfaces. Because they do not change the skid or slip resistance of the concrete, they are ideal for driving surfaces.

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Protectosil® for Brick, Concrete and Concrete Masonry Buildings

Protectosil® products are clear, breathable and penetrating. They are silane-based and are suitable for above-grade brick masonry, concrete masonry and concrete. They will not yellow, peel or fade, and they keep the building façade looking natural. By reducing the amount of water entering the substrate, Protectosil® products discourage the entry of water carrying contaminants such as salts and dirt, reducing deterioration caused by efflorescence, mildew, scaling, acid rain and spalling.

Protectosil® CHEM-TRETE® BSM 350
Protectosil® CHEM-TRETE® BSM 400

Pure, 100% solvent-free silanes make these our water repellents with the longest service life. BSM 350 is VOC compliant in areas with most strict VOC laws, such as California.

Main Benefits
• 20 year performance based warranties are available
• Masking of windows not necessary
• Breathable system
• No change in surface appearance

Protectosil® CHEM-TRETE® PB 100
Protectosil® CHEM-TRETE® PB 350

Pure, 100% solvent-free silanes for porous block applications. PB 350 is VOC compliant in areas with most strict VOC laws, such as California.

Main Benefits
• 20 year performance based warranties are available
• Breathable system
• No change in surface appearance
• High resistance to wind-driven rain

Protectosil® AQUA-TRETE® Concentrate

A water-reducible silane system, designed to have a high level of surface beading with penetration to protect against wind-driven rain.

Protectosil® AQUA-TRETE® EM

A waterborne, low VOC silane-siloxane blend. Ready to use and suitable for brick and concrete.

Protectosil® AQUA-TRETE® SG

A waterborne, stain-resistant product. For use on pre-cast panels to prevent silicate run down on windows.

Protectosil® for Special Applications

Evonik’s commitment to research and development allows us to offer unique solutions to our customers unique problems. Protectosil® products can help you deal with graffiti vandalism, extend the life of your concrete structure by reducing corrosion, or protect your natural stone from acid rain attack.

Protectosil® CIT
Protectosil® 300 C
Protectosil® WS CIT 200

Surface-applied corrosion inhibitors for steel-reinforced concrete. Protects parking decks, bridges, balconies, building facades and other structures.

Protectosil ANTIGRAFFITI®


Protectosil® Stone Sealer and Consolidation Treatment

A clear, penetrating, breathable water repellent and consolidation treatment for use on exterior above grade calcareous and silicious based stone such as sandstone, flagstone, limestone and marble, brick, masonry and other natural stones.
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