Protectosil®
Building Protection
Low VOC water repellents, corrosion inhibitors, antigraffiti
### Product Applications

<table>
<thead>
<tr>
<th>Suitable Substrates</th>
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<tbody>
<tr>
<td>Brick</td>
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<table>
<thead>
<tr>
<th>Product</th>
<th>VOC content</th>
<th>Typical Coverage Rate (ft$^2$/gal)</th>
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<tbody>
<tr>
<td>Protectosil® AQUA-TRETE’40</td>
<td>175-200</td>
<td></td>
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<tr>
<td>Protectosil® AQUA-TRETE’20</td>
<td>175-200</td>
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<tr>
<td>Protectosil® CHEM-TRETE BSM 400</td>
<td>150-200</td>
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<tr>
<td>Protectosil® CHEM-TRETE PB 100</td>
<td>50-80</td>
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<tr>
<td>Protectosil® AQUA-TRETE’Concentrate</td>
<td>40-70</td>
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<tr>
<td>Protectosil® AQUA-TRETE’EM</td>
<td>100-150</td>
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<tr>
<td>Protectosil® BHN</td>
<td>175-200</td>
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<tr>
<td>Protectosil® AQUA-TRETE’SG</td>
<td>125-175</td>
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<tr>
<td>Protectosil® CIT</td>
<td>80-100</td>
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<tr>
<td>Protectosil® 300 C</td>
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<tr>
<td>Protectosil® 300 S</td>
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<tr>
<td>Protectosil® ANTI GRAFFITI</td>
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</tbody>
</table>

1) For the VOC laws in your state and a specific coverage rate, please contact us at +1 800 828-0919

For more information, MSDS and the most updated product information and to find your local representative, go to www.protectosil.com.

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**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

**Protectosil® BHN**

A deep-penetrating 100% silane.

- Low-temperature application (20°F)
- Excellent long-term chloride screening on wearing surfaces (bridge decks, parking decks)

**Protectosil® 300 S**

A deep-penetrating 100% silane.

Main Benefits:
- Low-temperature application (20°F)
- Excellent long-term chloride screening on wearing surfaces (bridge decks, parking decks)

**Protectosil® AQUA-TRETE’20**

Water-based silane emulsions in 20% and 40% concentrations.

Main Benefits:
- Non-flammable
- Low odor
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 PB100
A 100% solvent-free silane system.
Main Benefits:
- Low-temperature application (20°F)
- Can be applied over most prior water repellent treatments
- Lasts 20 years

Protectosil®CHEM-TRETE BSM 400
Pure, 100% solvent-free silane makes this our water repellent with the longest service life. VOC compliant.
Main Benefits:
- No masking of windows
- Lasts 20 years
- Low-temperature application (20°F)

Protectosil®CHEM-TRETE EM
A waterborne silane-siloxane blend.
Main Benefits:
- Water-based
- VOC compliant in SCAQMD

Protectosil®CHEM-TRETE BSM 400
A waterborne, stain-resistant product.
Main Benefits:
- Zero VOC
- Keeps buildings dry
- Mitigates silica rundown on windows

Protectosil®AQUA-TRETE® Concentrate
A water-reducible silane system.
Main Benefit:
- VOC compliant in SCAQMD

Protectosil®AQUA-TRETE® SG
A waterborne, stain-resistant product.
Main Benefits:
- Zero VOC
- Keeps buildings dry
- Mitigates silica rundown on windows

Protectosil®AQUA-TRETE® EM
A waterborne silane-siloxane blend.
Main Benefits:
- Water-based
- VOC compliant in SCAQMD

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
Surface-applied corrosion inhibitor for steel-reinforced concrete. Protects parking decks, bridges, balconies, building facades and other structures.
Main Benefits:
- Reduces corrosion by more than 90%
- Works in high-humidity environments

Protectosil® Antigraffiti
Main Benefits:
- Zero VOC
- Excellent UV stability
- Repels paint and markers
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