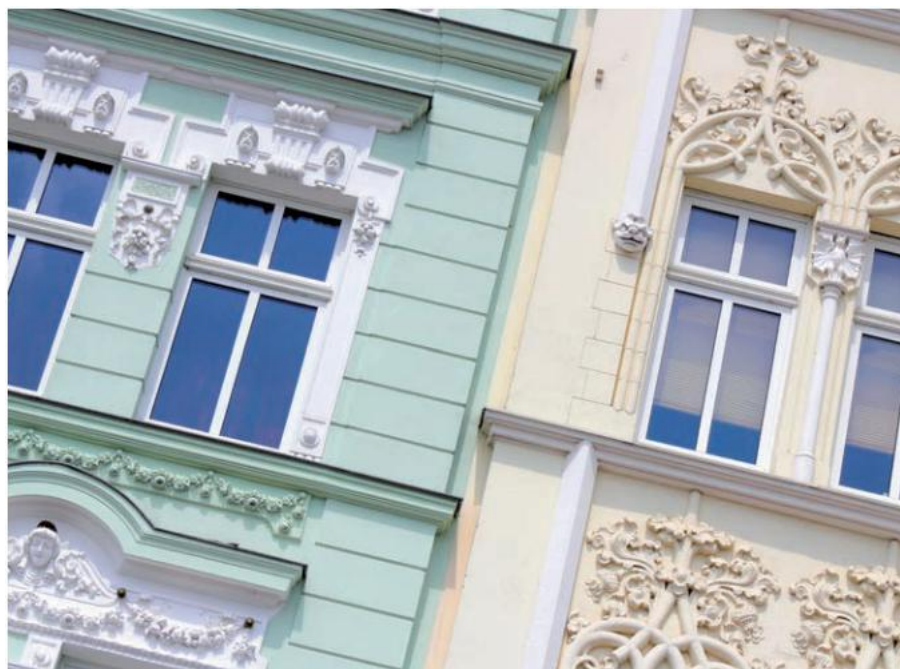


Protectosil® for Masonry and Facades



Protectosil® products upgrade your facades in durability. They offer the perfect combination of durable water repellents with antigraffiti and easy-to-clean systems and can be used for many types of mineral substrates such as concrete, brick, natural stone, sand limestone, marble or granite.

Evonik Silanes – Performance beyond expectations

 **Protectosil®**

Basic product recommendation

| | Protectosil® grade | Typical area of application | | | | Effect | | | |
|--------------------|--------------------|-----------------------------|---------------|---------------------|---------------------|--------------------|-------------------|---------------|--------------|
| | | Mineral plaster | Clinker brick | Natural/ Sand stone | Fair faced concrete | Water repellent | | Easy-to-clean | Antigraffiti |
| | | | | | | w/o beading effect | w/ beading effect | | |
| Pure silane system | BHN | | | | ✓ | ✓ | | | |
| | 100 NK | | | | ✓ | | ✓ | | |
| | 009 | | | | ✓ | | ✓ | | |
| Water based | WS 340 | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | WS 340 PLUS | ✓ | ✓ | ✓ | ✓ | | ✓ | | |
| | WS 410 | | | | ✓ | ✓ | | | |
| | WS 410 PLUS | | | | ✓ | | ✓ | | |
| | WS 602 | ✓ | ✓ | ✓ | | ✓ | | | |
| | WS 610 | ✓ | ✓ | ✓ | | | ✓ | | |
| | SC CONCENTRATE* | ✓ | ✓ | ✓ | ✓ | | | ✓ | |
| | ANTIGRAFFITI | | | | ✓ | | | | ✓ |
| | ANTIGRAFFITI SP | | | | ✓ | | | | ✓ |
| | | | | | | | | | |

*ready-to-use dilutions available, such as SC 30

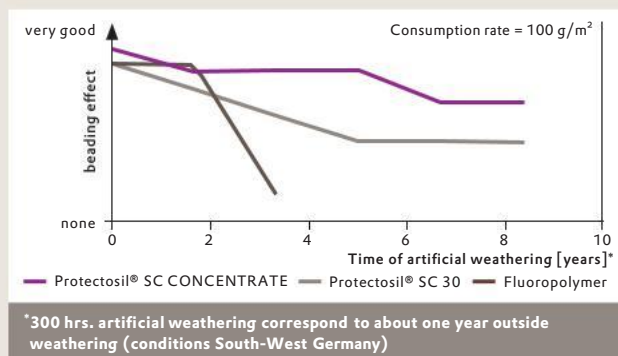
 **EVONIK**
Leading Beyond Chemistry

Key benefits

- Permanent representative appearance
- Efficient energy management
- Elongated maintenance cycles
- Longer service life
- Less maintenance costs

Performance data

Beading effect after artificial weathering



This diagram shows the performance of various Protectosil® products.

The beading effect, which is an indicator of the ease of cleaning, is reduced over time by weathering.

It should be noted that all Protectosil® products have much higher weather resistance than fluoropolymers.

Environmental influences, such as pollution can have a negative impact on the appearance of facades.

Untreated and treated sandstone after 18 years of outdoor weathering



Both pictures on the left show a surface after 18 years of outdoor weathering (without cleaning).

The difference between treated and untreated surface is clearly visible.

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