

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 systems	BHN				✓	✓			
	100 NK				✓		✓		
	BHN PLUS				✓		✓	✓	
Water based	WS 340	✓	✓	✓	✓	✓			
	WS 410				✓	✓			
	WS 602	✓	✓	✓		✓			
	WS 610	✓	✓	✓			✓		
	SC CONCENTRATE*	✓	✓	✓	✓			✓	
	ANTIGRAFFITI				✓				✓
	ANTIGRAFFITI SP				✓				✓
Solvent based	40 S		✓	✓		✓			

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

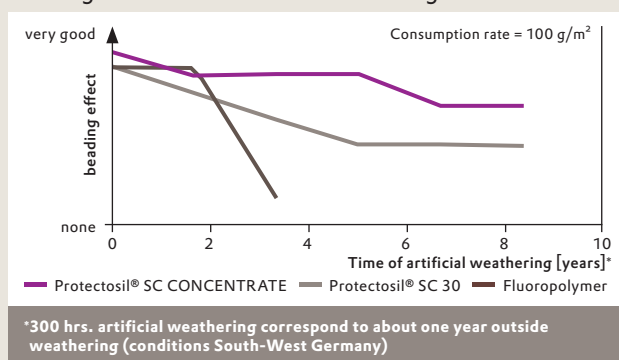


Key benefits

- 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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