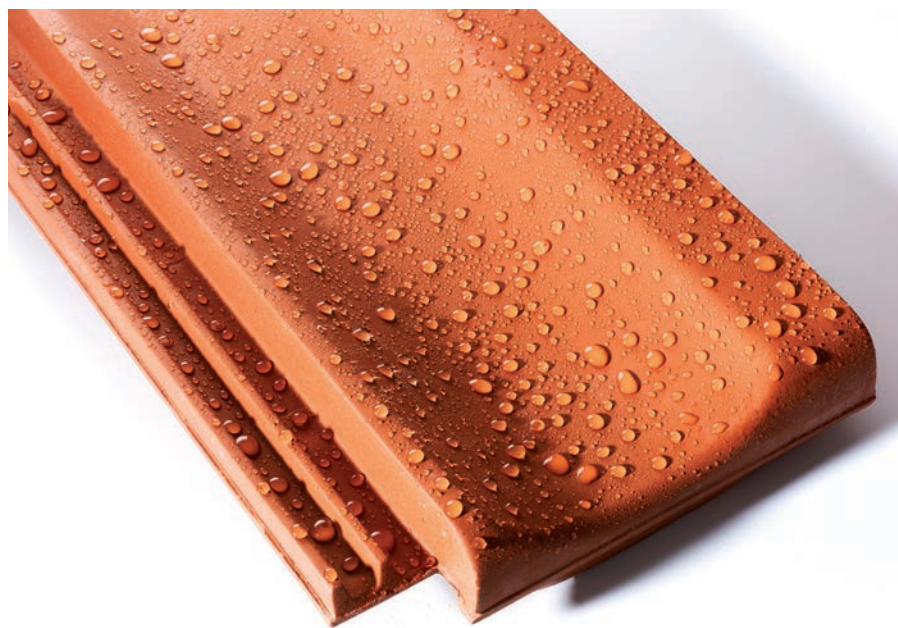


# Protectosil® for Clay-Based Construction Materials



Protectosil® products upgrade clay-based construction materials such as roof tiles or bricks in durability and aesthetics.

**Evonik Silanes – Performance beyond expectations**

Protectosil®

## Basic product recommendation

Protectosil® grade	Type of tile		Effect				Treatment		Process	
	Natural	Engobed*	Hydrophobation**	Beading/Flow properties	Anti-greening	Consolidation	Spraying	Dipping	Production	On-Site
WS 340	✓	✓	✓				✓			✓
WS 602	✓	✓	✓				✓	✓	✓	✓
WS 610	✓	✓	✓	✓			✓	✓	✓	✓
WS 808	✓		✓	✓		✓	✓		✓	✓
BHN	✓	✓	✓				✓			✓
SC 60	✓	✓		✓	✓		✓	✓	✓	✓

\*Requires longer contact/immersion time

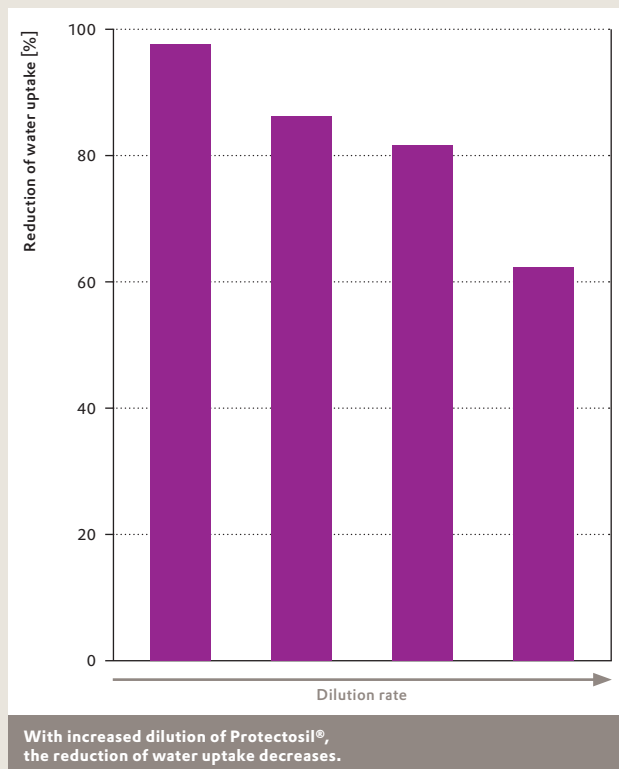
\*\* Significant long-term reduction of water uptake leads to reduction of efflorescence and freeze thaw damages

## Key benefits

- Reduction of water uptake > 90%
- Long-term protection due to high penetration depth, up to 2–25 mm
- Long-term surface functionality and aesthetic > 1500 QUV hours
- Reduction of white spotting

## Performance data

Reduction of water uptake



Protectosil® products for clay-based construction materials can be applied via spray application or immersion. In order to find the best production solution, we also provide different testing methods.

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