»Slate-Lite Extreme Protection«
Data sheet

SLATE LITE

23.05.2021

PRODUCT DESCRIPTION

Slate-Lite Extreme Protection is a two-component protective seal with a primer for the highest loads in various areas of application.
The sealer is suitable for interior walls and floors as well as for wet areas and reliably protects the stone surface of Slate-Lite from dirt.

APPLICATION AREAS

Heavily used walls indoors. Also suitable for wet areas such as showers. Not suitable for standing water. Suitable as a floor sealer.

MIXING RATIO SEALER

5 parts resin component A: 1 part hardener component B

COLOR & SHINE

Transparent, matt colors. None to very slight darkening of the stone material when sealed. If necessary, check the color change of the sealer in advance on a test piece or an inconspicuous area!

DIRECTIONS FOR USE

The surface to be processed must be clean, dry and free of dust and grease.
First, apply the primer crosswise with a foam roller. Be careful not to apply excessive pressure to avoid blistering. Let the primer dry for at least 3 hours.
Mix the two components in the specified ratio of 5:1.
Apply the mixed product evenly with a foam roller. Only apply light pressure, otherwise white bubbles may appear. Let it dry long enough. Clean tools with water immediately after use. Multiple applications increase the protective effect.

CONSUMPTION

approx. 130 - 150 g/m² per coat
at least 1-fold application: walls with low loads
Wet area in shower & bathroom
at least 2-fold application: walls with high loads such as
backsplash in kitchen

PROCESSING TEMPERATURE

Do not use below + 10°C or above 30°C and a humidity of more than 80%.

DRYING TIMES / POT TIME PRIMER

Pot life: approx. 45 min
Adhesive-free after approx. 3 hours
Final strength after approx. 5-7 days
Note: At higher temperatures, the material hardens much faster than stated in the instructions and data sheet.

DRYING TIMES / POT TIME SEALER

Pot life: approx. 60 min
Adhesive-free after approx. 12 hours
Final strength after approx. 5-7 days
Note: At higher temperatures, the material hardens much faster than stated in the instructions and data sheet.

SEAL / SILICONE

We recommend the use of natural stone silicone from Ottochemie „Ottoseal S70“, as other silicones sometimes do not adhere correctly.

STAIN RESISTANCE

Chemical	Concentration in percent by weight	Result
Acetone	<= 100	5
Formic acid	88	4
Ammonia	25	5
Brown oil	<= 100	5
Brake fluid	<= 100	5
Butyl acetate	<= 100	5
Vinegar essence	<= 100	5
Felt pen	<= 100	4
Gear oil	<= 100	3
Saline solution	10	5
Medicinal Rapid	<= 100	5
Nail polish remover	<= 100	5
Sodium hypochlorite	2,5	5
Caustic soda	33	5
Nitro thinner	<= 100	3
Phosphoric acid	25	5
Beetroot	<= 100	5
Nitric acid	25	5
Hydrochloric acid	7,3	5
Black tea	<= 100	5
Sulfuric acid	7,3	5
Mustard	<= 100	4
Special petrol/gasoline 100/140	<= 100	5
Spirit	<= 100	5
Tomato paste	<= 100	5
Hydrogen peroxide	35	5
Citric acid	10	3

5 = no change
4 = slight change, only recognizable at certain angles
3 = moderate change in gloss level and / or color
2 = significant change in gloss level and / or color
1 = Surface damage / blistering

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