



## PRODUCT DESCRIPTION

*Slate-Lite Special Protection* is a ready-to-use weather resistant and non-yellowing impregnation based on high-quality organic active substances.

The product is absorbed from the stone due to the capillary forces, however, without closing the pores. The products shows the following properties:

<i>protection within a short period of time</i>	<i>strong trickle-down effect</i>	<i>No or very slight color deepening</i>
<i>Very good oil and grease repellent effect</i>	<i>Very good reduction of water and dirt absorption during periods of moisture</i>	<i>rapid liberation of humidity during dry periods due to high vapour diffusibility</i>
<i>Noticeable low adhesion of colors on treated stone surfaces (Anti-graffiti effect)</i>	<i>Maintenance of breathing properties because there is no surface layer</i>	<i>tack-free hardening</i>
<i>resistance to UV radiation</i>	<i>after being hardened the product is harmless to health upon contact with food products</i>	<i>No release of methanol during hardening</i>
<i>Temperature resistance up to 100°C</i>		

## APPLICATION AREAS

*Slate-Lite Special Protection* is used for water-, grease and oil repellent treatment of mineral building material, e.g. natural and artificial stones. The product is especially used in kitchens (coatings, working plates), bathrooms (wash tables, marble tiles), for tables, window-sills, tile joints, facades etc.

## INSTRUCTIONS

The surface must be clean, totally dry and free from all layers.

In any case, after cleaning rinse well with water. Before the stone is given it's protective treatment, it must be totally dry. As a rule, this is the case after 1–2 days at the earliest.

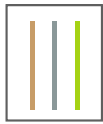
Before starting we recommend to prepare a sample area of 1–2m<sup>2</sup> in order to examine the efficiency of the impregnation, to evaluate the appearance of the treated object (color change) and to ascertain the material consumption as exactly as possible.

Shake well before use. The best conditions for impregnating is a temperature of 15–25°C and protection from humidity for approx. 2–3 hours. The stone must not be warmed up by an underfloor heating or direct sunlight.

The impregnating effect is sufficient for fissures which are smaller than 0.

In general, one to two appliances wet-in-wet are sufficient. In case of less absorbent surfaces we recommend to dilute with *Slate-Lite Special Protection* in the ratio 1:1.

Apply the product with a brush or a mop. Airless spraying equipment with low pressure (max. 1 bar over pressure) is suitable for treating cades using the flooding (multiple-coat) method and a jet distance of 5–10cm (condition: tubes and seals must be resistant to solvents). The impregnation is applied until it runs down 40–50cm.



SLATE LITE™

# Slate-Lite Special Protection

Data sheet

## INSTRUCTIONS (Continuation)

Approx. 20 minutes after application, respectively before drying of the impregnation on the surface, any excess which has not been absorbed by the stone has to be completely removed with a suitable cloth. Polished surfaces must additionally be polished again until any blooming on the surface is removed. If the desired effect is not achieved or if the impregnation has been applied unevenly, it is possible to apply the impregnation once again. The water repellent effect develops after a few minutes, full protection after 2–3 hours.

Sufficient ventilation (approx. 2–3 days) is necessary when using the product in food areas.

## REMARKS / NOTES

Special protective measure in case of spray application: avoid formation of aerosols and risk the third parties. Do not breathe vapours (protective mask).

Ensure sealing of the reverse side and lateral surfaces of the stone, so that rising moisture cannot penetrate into the stone.

If stored at temperatures below 15°C the product tends to thicken. By warming to approx. 20°C it becomes fully liquid and homogenous.

If the treated area is cleaned, a drying time of 1–2 days (depending on the temperature) is necessary.

An impregnation with *Slate-Lite Special Protection* prevents the stone from staining respectively the development of these spots will be delayed considerably. Should they nevertheless appear, the surface can be cleaned much more easily.

Unsuited or aggressive cleaning agents as well as pressure washers may destroy the impregnation and the stone. We recommend to use *Slate-Lite Care Cleaner* for the regular cleaning.

Even on impregnated surfaces it is possible that spots are forming after a long time exposure to aggressive products (e.g. juice, vinegar, alcohol or cosmetics). Yet, this formation is by far lower as on surfaces not being treated with *Slate-Lite Special Protection*. Spots can be avoided by immediately removing these aggressive products.

Existing joints must be tested in view of their resistance to solvents. In case wetting agents had been used to smoothen joint fillers, they must be removed prior to application of the impregnation.

*Slate-Lite Special Protection* is not suited for glazed and non-absorbent surfaces or plaster.

A surplus of the product causes blooming and spotting.

Surfaces to be treated must be protected against direct solar radiation.

Wear protective gloves.

Protect synthetic materials which are not resistant to solvents, e.g. window screens, parts to be varnished or objects situated in the area of working (cars, gardens).

On some natural stones like e.g. Nero Assoluto or Nero Impala the stone-inherent structures may be stronger intensified than the residual stone surface if treated with *Slate-Lite Special Protection*. This might be seen as staining, however, the color intensification is not a product defect but is attributed to the characteristics of the stone.

When applying the product correctly it is not hazardous for the health.

For adequate waste disposal container must be completely emptied.



SLATE LITE™

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Data sheet

## TECHNICAL DATA

### *Coverage*

approx. 5 to 50 m<sup>2</sup>/litre  
(depending on the absorptive  
capacity of the stone)

### *Color*

transparent

### *Density*

approx. 0,78 g/cm<sup>3</sup>

### *Storage*

2 years if stored in cool place free  
from frost in it's thightly closed  
original container.

#### NOTE

This information and our technical advice whether spoken, written or through attempts are made to the best of knowledge. However, they apply only without warranty. This applies also to proprietary rights of third parties. This advice does not release from own tests of our products and advices to their suitability of your own projects and porposes. In addition to our information, the relevant guidelines and advices of organizations and trade associations as well as the DIN standards must be observed. The application, use and processing of our products and the products based on our technical recommendations are beyond our control and, therefore, entirely within your own responsibility.