




# SLATE LITE

## the future of stone.

### INSTRUCTION: SLATE-LITE

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 Slate-Lite is made of layered stone. Color differences in the individual slabs as well as quartz veins running through the stone, natural cracks or slight chipping may occur. This is not a reason for complaint, but is a characteristic of the natural stone surface!

Basic characteristics of our stone types:

SLATES have a somewhat softer stone surface and captivate with their richness of color as well as constantly changing patterns and structures.

MYCAS usually have a somewhat rougher surface with homogeneous patterns. A special eye-catcher is the glossy effect, which is created by the natural quartzite content in the stone.

LIMESTONES are characterized by a rather smoother surface with relatively homogeneous patterns and structures. Limestones are not suitable for outdoor and wet areas!

SANDSTONES captivate by a slightly rough, rather grainy surface with slight differences in height. The sandstones can have partially smaller elevations with greater overall thickness!

MARBLES captivate by its surface with different and constantly changing patterns and structures. Strong grains and elevations in the surface are typical characteristics. The marbles are rough as cleavage and show partial structures with greater overall thickness, as well as a stronger overall tension in the sheet!

### PREPARATION

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Before beginning work, inspect your stone veneers for flaws, defects or damage.

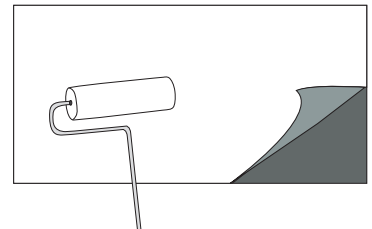
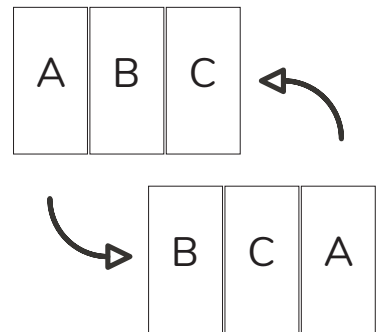
To achieve an attractive wall/sheet appearance, spread out all stone sheets before starting work and determine the order and arrangement of the stone veneers.

**IMPORTANT:** All stone sheets must be laid out completely flat before processing, even large formats! Please follow the tips and instructions in the Slate-Lite data sheet.

### PROTECTION

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Depending on the place of application, you can/should protect your stone veneers with an additional impregnation or sealing. As a rule, this protective product is applied with a short haired roller using the cross-application method. In any case, please observe the detailed processing instructions and notes of the selected protective product.





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The impregnation/sealing process can basically be carried out both before and after processing.

When processing in wet areas, it is best to protect the stone veneers only after cutting and bonding to avoid open spots.

The impregnation or sealing process can cause a different degree of color deepening depending on the decor.

Please refer to the respective comparison pictures in our online store for each decor and always carry out a test on a remnant piece in advance to convince yourself of the result.



### ADHESIVE

Apply the appropriate adhesive either to the back of the stone sheet or directly to the surface to be processed.

Spread the adhesive over the entire surface with a B3 notched trowel and make sure that the grooves are even (do not smooth the adhesive!).

Then apply the Slate-Lite sheet to the designated area and fix the material with light and even pressure by hand or pressure roller.

As a rule, the stone sheet is fully loadable after 48 hours.

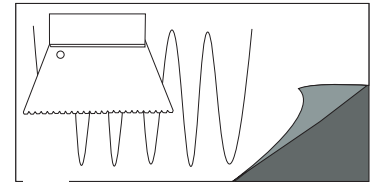
NOTES: We recommend wearing rubber gloves.

For best results, work with a spirit level and lay the material from bottom to top.

Glue residues on the sheet can be removed with our special cleaners.

ADHESIVE RECOMMENDATION: *Slate-Lite Extreme Adhesive*.

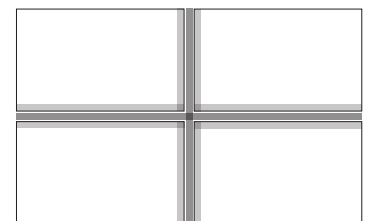
For bonds with temperatures between 90°C / 194°F to 250°C / 482°F (fireplace/oven), please contact our sales department for a current adhesive recommendation.



### INSTALL WITH OR WITHOUT JOINT

*Slate-Lite* can be installed with or without a joint.

Perfect joints are achieved with joint pastes. For this purpose, glue the stone veneer with desired joint width (use joint cross if necessary). Mask the edges of the stone leaf with painter's masking tape (do not allow masking tape to adhere to the stone surface for too long) and apply and smooth the intended joint compound according to the manufacturer's instructions.



PRODUCT RECOMMENDATION: Nanofug premium

If painter's masking tape is to be used, care must be taken not to leave adhesive traces. Do not use tape on surfaces that have already been sealed, as well as tape that is too adhesive, and do not allow the tape to remain on the material for too long.

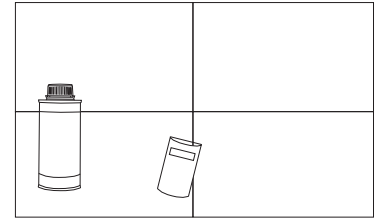


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During jointless application, adhesive may leak from the joint edge. The most efficient way to prevent this is to leave a narrow margin on the back side at the edges free of adhesive. When adhesive is applied to the mounting surface, usually none or less adhesive should ooze out.

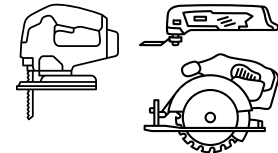


Any adhesive residues can be removed with our special cleaners. If there are gaps at the edges, they can be filled with our *Slate-Lite* cold wax to match the color.

### CUTTING AND DRILLING

*Slate-Lite* stone veneers can be cut or drilled with all standard woodworking or metalworking tools.

These include circular table saws, circular hand saws, jigsaws, multitools, flex, large format saws, lasers, CNC, water jets, etc.



We recommend the use of saw blades with medium toothing and a cutting process from the back of the stone blade.

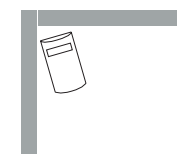
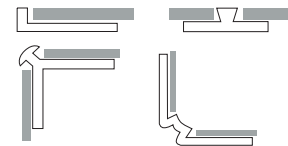
### CORNERS

There are several options for optimal corner finishing:

(A) Profile moldings: we carry matching profile moldings in a variety of colors for easy and classy edge finishing. We carry end edges, butt edges, inside corner profiles and outside corner profiles.

(B) Edge to edge: Glue stone veneers to the desired edge and lay butt to butt. Then carefully sand and finish. If necessary, fill any gaps with *Slate-Lite* cold wax to match color.

(C) Miter Cut: Before processing, lay out the butt edges with a matching miter. This can be done either directly with the *Slate-Lite* material itself or together with a pressed backing material, depending on the application.





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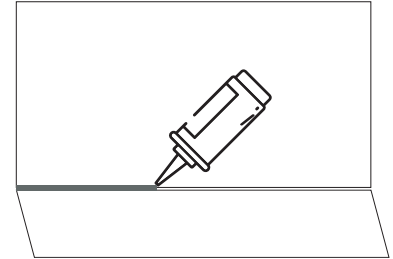
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#### SILICONE SEALANTS

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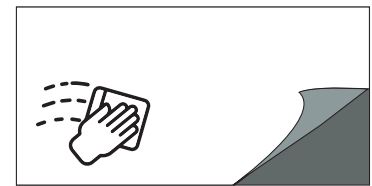
If you wish to use silicone for sealing or as a finishing edge, please use the natural stone silicone *Ottoseal S70*. This was able to convince in test series with durability and adhesion on our stone veneers, even with sealed material. Test any silicone application in advance on a test piece and have it done by a specialist if necessary.



#### CLEANING

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*Slate-Lite* can be cleaned with all commercially available, non-caustic household cleaners. In most cases, even clear water and a lint-free cloth or brush will suffice.



Please carry out any processing steps carefully and calmly.

Ensure clean and precise work to avoid contamination or errors in processing.

Familiarize yourself with the material in advance by means of test pieces and ensure that each processing step can be implemented in a technically correct manner.

If you have any questions, please clarify them with our sales department before processing.