



SLATE LITE

the future of stone.

INSTRUCTION: TRANSLUCENT



Translucent is made from layered stone. Colour 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!

PREPARATION

Before starting work, check your stone veneers for defects, flaws or damage.

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

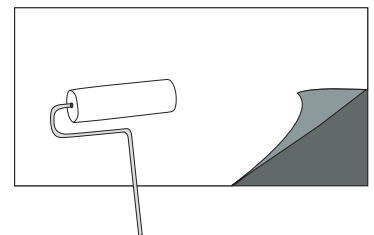
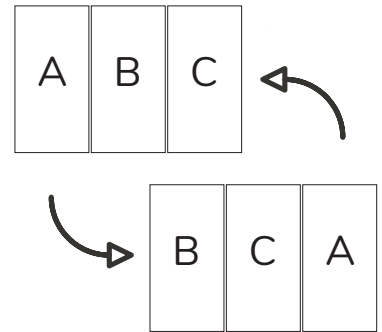
IMPORTANT: All stone sheets must lie completely flat before processing, even large formats! Please follow the instructions in the data sheet.

PROTECTION

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

The impregnation/sealing process can generally be carried out both before and after application. When processing in wet areas, it is best to protect the stone veneers only after cutting and gluing to avoid open spots.

The impregnation or sealing process can cause a different degree of colour deepening depending on the decor. Please refer to the comparative pictures in our online shop for each decor and always carry out a test on a remnant piece in advance to see the result for yourself.





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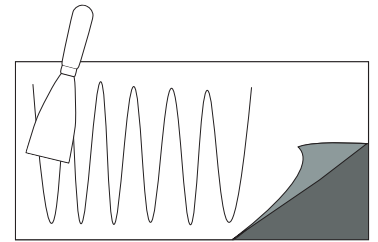
ADHESIVE

Make sure that both the back of *Translucent* and the application surface are clean and free of dust and grease.

Apply the suitable adhesive (we recommend our *Translucent Crystal Clear*) over the entire surface with a smoothing trowel. Make sure that no bubbles form. Then position the stone sheet and press it firmly into place.

Apply the part to be bonded as quickly as possible, within 10 minutes at the latest.

A slight correction of the position is still possible in the short term.



NOTES: We recommend wearing rubber gloves.

To achieve the best result, work with a spirit level and lay the material from the bottom up.

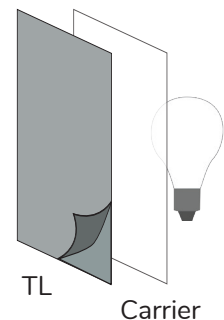
Glue residues on the sheet can be removed with our special cleaners.

CARRIER MATERIAL

For better stability and light distribution, *Translucent* can be glued to glass or acrylic. Depending on the span width, we recommend an acrylic thickness of 4 mm for standard format 122x61cm and 8 mm for large formats 240x120cm.

When using fluorescent tubes and LED strips, acrylic sheets with a frosted glass colouring have proved particularly effective, as these distribute the light effectively.

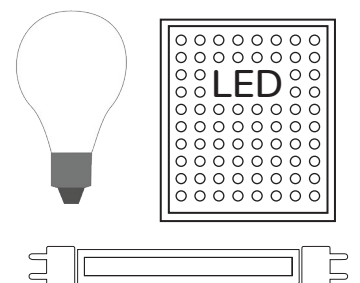
If you use *STONEBOARDS TRANSLUCENT*, the higher overall thickness of the material means that an additional support plate is not required.



LIGHTING MATERIALS

In principle, any light source behind the stone leaf is possible.

The simplest method for uniform illumination is an LED panel with high light output. However, you can also use fluorescent tubes, incandescent bulbs or LED strips; in this case, a frosted glass pane between the light source and the *Translucent* decor helps to distribute the light better. A sufficient distance between the light source and the *Translucent* also ensures optimal light diffusion.





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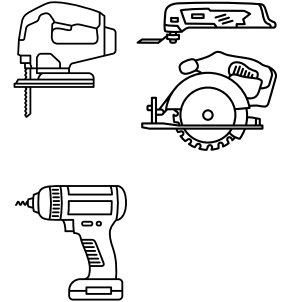
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CUTTING AND DRILLING

Translucent 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 using saw blades with medium teeth and cutting from the back of the stone blade.



CLEANING

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.

