



# OUTDOOR AREAS & FACADES

Robust & elegants!



## HH LUX®

When nature meets interior design



# EXISTING FACADE OR NEW BUILD?

You don't have to build a completely new facade to upgrade it with Slate-Lite stone veneers. As long as the existing facade is in good general condition and structural integrity, existing facades can also be extended without any problems!



- ✓ UV-resistant & frost-proof
- ✓ More robust than raw stone slabs
- ✓ Water-resistant & easy to maintain

Slate-Lite can easily be glued as a final top layer in an external Thermal insulation composite system on the facade!

The basic construction must be breathable.

The basic construction of the facade is carried out without any special requirements according to applicable rules and standards.



The integrity of your existing façade can be checked by an expert using simple cross-cut tests, bead peel tests and moisture measurements.

- The substrate must be dry, clean, frost-free, firm or sufficiently sufficiently stable and free from cracks, efflorescence and microbial infestation.
- Low-strength or non-load-bearing surface layers, separating layers (e.g. dirt, dust, grease, oil, paint residues, etc.) must be removed.
- Previously applied undercoat plasters, fillers and the like must be completely dry/hardened and have the appropriate load-bearing capacity.

Diagram: ETICS Facade Construction (Example) Including Slate-Lite Top Layer



The ETICS facade (thermal insulation composite system) is the most common type of facade and the easiest way to create a natural stone facade with Slate-Lite.

Simply use our stone veneers as a final top layer and your home will shine in new splendor!

Save time when building the facade and reach your goal faster.

Thanks to the low weight and easy processing, you can lay up to 50m<sup>2</sup> per day!

Signs of weathering such as black mold, algae, green deposits or other environmental soiling can usually be removed quickly and easily with clean water and a brush.

### ADHERING SLATE-LITE ON THE FACADE

Slate-Lite can be simply bonded to a standard ETICS façade as a final top layer on the mineral substrate reinforced with reinforcing mesh. The basic structure of the ETICS façade is carried out in accordance with applicable regulations and standards.

For optimum bonding we recommend our Slate-Lite Extreme Adhesive.

In outdoor areas, cleaning with a high-pressure cleaner is also possible, but please observe the distance recommended by the appliance manufacturer when using it. All Slate-Lite stone veneers are also frost-proof.



In principle, any type of type of existing façade can be finished with our thin stone veneers. For other types of facade in addition to an ETICS facade, we will be happy to advise you individually!

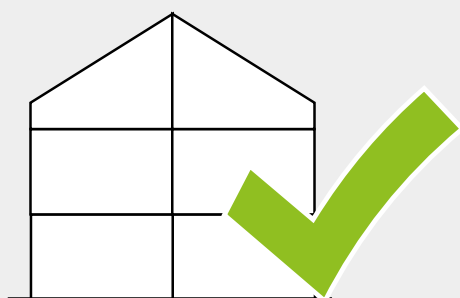
HH LUX ApS is a part of Slate-Lite Nordic, with main office in Denmark,



[The reinforcing mesh must be installed in the upper third of the plaster layer (executed in accordance with VOB/C[1]ATV-DIN 18350, DIN EN 13914 and DIN 18550) whereby the thickness of the plaster layer must not be less than 5mm. Unevenness must be  $\pm 3\text{mm}$  so that the adhesive application with B3 notched trowel provides sufficient adhesion].

### BUILDING CLASSES AND APPROVALS

(according to DE regulations, building classes may vary depending on the country)



Building class 1 Height up to 7m Freestanding < 400 m<sup>2</sup> / 2 UU

Slate-Lite is approved for all buildings in DE class 1, which also includes detached single or multi-family houses.



For projects in building classes 2-5, please contact our sales department, we will be happy to advise you on the implementation of corresponding construction projects!



# WEATHER INFLUENCES WITH NATURAL STONE

Thanks to the 100% natural stone surface, the weathering of our stone veneers causes hardly any or minimal uniform deviations in color.

Test method: Resistance to UV radiation (UV-B) according to DIN EN ISO 11507  
Test cycle: 4 hours; irradiation 50°C / 4 hours; thawing 40°C  
Test duration: 1,000 hours with evaluation after 250h, 500h, 750h  
Evaluation: Color change according to DIN EN ISO 11664-4, Sp62 by X-Rite Measuring geometry: d/8°, illuminant: D65

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