



STONE BOARDS



PRODUCT

Slate-Lite STONEBOARDS consist of a layer of natural slate with 0,1 – 1,4 mm and a backing made of natural polyester with glass fiber for strength and dimensional stability.

MATERIAL COLORS AND CHANGES

Natural stone is an absolute timeless natural product, which evolved over millions of years in the earth's crust. Form and color variation are possible and invariably make every square meter to a unique design.

We are always striving for little color variation in lots and structurally similar sheet decors. For large areas you should contact us if a specific color and structure is required.

Please check our main catalogue or the sample set for the complete range of colors and patterns.

MAIN COMPOSITIONS

Top layer: (in %)		Back layer: (in %)	
Oxygen (O)	44,6	Oxygen (O)	73,0
Carbon (C)	31,0	Carbon (C)	26,0
Silicium (Si)	13,0		
Aluminum (Al)	5,6		
Iron (Fe)	3,4		
Patassium (K)	2,4		

FORMALDEHYDE

Slate-Lite STONEBOARDS are free of formaldehyde.

STANDARD SIZES

Standard size: 2.400 x 1.200 mm

For daily up-to-date availability please contact our sales department.

*) The dimensional tolerance is ±1,5 mm in length, width and at the right angle

AVAILABLE DECORS

Tan, Silver Grey, Nero
Falling Leaves *Translucent*

WEIGHT

approx. 4 – 5 kg/m²

THICKNESS

approx. 3 mm

TEMPERATURE RESISTANCE

up to 120°C

TEST ACCORDING TO ASTM / C-121

Water absorption in unsealed surface + 2,5%.

UV-RESISTANCE TEST

Due to the weather hardly or minimal uniform deviations of the coloring arise.

Resistance against UV radiation (UV-B) to DIN EN ISO 11507

Test cycle: 4 hours; Radiation 50°C
4 hours; Bedew 40°C

Duration of test: 1.000 hours rating after 250h, 500h, 750h
Rating: Change in color to DIN EN ISO 11664-4, Sp62 Fa. X-Rite
Measurement geometry: d/8°, Kind of light: D65

ABRASION TEST

Abrasion test according to DIN EN ISO 10545-7: Reached Class PEI 2 without surface treatment. Tested decors: *Falling Leaves* and *Argento*.

PEI 2: Tiles for areas with average traffic and medium to low abrasion; e.g. studying rooms, living rooms.

SLIP CLASS

Slate-Lite as reached slip classes R9 (Slate) / R10 (Myca).

PROCESSING TEMPERATURE

10°C to 35°C are recommended.

FIELDS OF USE

Shower walls, backsplashes, etc.

SUBSTRATES

Wood, metal, glass, rigs, concrete etc.
Please note the instructions and datasheets of all used adhesives or plastics used for subfloor processing.



DATASHEET: STONEBOARDS

CLEANING

All natural stone surfaces, even if impregnated or sealed, must be wiped moist regularly.

Please use a lint-free cloth.

Important note: Acid cleaners attack the surface of the stone!

SURFACE PROTECTION



Slate-Lite
Special Impregnator



Slate-Lite
Special Protection



Slate-Lite
2K-Protection Wall



Slate-Lite
2K-Protection Floor



Note: For detailed information about our impregnations and sealings, please refer to the respective datasheet and instructions.

Slate-Lite Special Impregnation

Test substances:	Exposure	Slate	Myca
Acetone	10 s		
Caustic potash (10%)	2 min		
Ultrasol	10 min		
Vinegar (5%)	1 h		
Ammonia (25%)	16 h		
Water	16 h		
Butyl acetate	10 s	Attacks impregnation	
Mustard	5 h		
Ethanol (48%)	1 h		
Acetic acid (98%)	1 h	Attacks impregnation	
Pure acid cleaner	16 h		Discoloration
Basic cleaner 1:5	16 h	Discoloration	Discoloration
Skin protection creme	16 h	Discoloration	
Cola	6 h		
White spirit K30	16 h		

Slate-Lite Special Protection

Test substances:	Exposure	Slate	Myca
Acetone	10 s		
Caustic potash (10%)	2 min		
Ultrasol	10 min		
Vinegar (5%)	1 h		
Ammonia (25%)	16 h		
Water	16 h		
Butyl acetate	10 s		
Mustard	5 h		
Ethanol (48%)	1 h		
Acetic acid (98%)	1 h	Leaves edges	
Pure acid cleaner	16 h		Discoloration
Basic cleaner 1:5	16 h		Discoloration
Skin protection creme	16 h	Discoloration	Discoloration
Cola	6 h		
White spirit K30	16 h		

Slate-Lite 2K-Protection Wall

Test substances:	Exposure	Slate	Myca
Acetone	10 s		
Caustic potash (10%)	2 min		
Ultrasol	10 min		
Vinegar (5%)	1 h		
Ammonia (25%)	16 h		
Water	16 h		
Butyl acetate	10 s		
Mustard	5 h		
Ethanol (48%)	1 h		
Acetic acid (98%)	1 h	Attacks sealing	Attacks sealing
Pure acid cleaner	16 h		
Basic cleaner 1:5	16 h		
Skin protection creme	16 h		
Cola	6 h		
White spirit K30	16 h		

Slate-Lite 2K-Protection Floor

Test substances:	Exposure	Slate	Myca
Acetone	10 s		
Caustic potash (10%)	2 min		
Ultrasol	10 min		
Vinegar (5%)	1 h		
Ammonia (25%)	16 h	Attacks sealing	
Water	16 h	Attacks sealing	
Butyl acetate	10 s		
Mustard	5 h		
Ethanol (48%)	1 h		
Acetic acid (98%)	1 h	Attacks sealing	Discoloration
Pure acid cleaner	16 h	Discoloration	Discoloration
Basic cleaner 1:5	16 h		
Skin protection creme	16 h		
Cola	6 h		
White spirit K30	16 h		

TOOLS

Any commercially available tool (DIY-tools): Sawing, drilling, milling, cutting, bending, pressing.

For industrial processing we recommend using diamond blade tools due to strong wear on wood blades.

Test any adjustments to the materials and tools beforehand in an inconspicuous place or a test sheet.

When processing only use sheets that could lay flat and are completely relaxed!

ADHESIVES

For detailed processing and adhering information please use our manuals and instructions for processing.

We recommend to use the **Slate-Lite X-treme Bath+Exterior** if adhering *Slate-Lite STONEBOARDS*. The adhesive is available in our product range.

SILICONE

If you want to use silicone for sealing or as a finishing edge, please use the natural stone silicone from **Ottoseal S70**, as other silicones sometimes do not adhere correctly.

STORAGE

The storage of unsealed material must be dry, preferably frost-free and sun protected. Protect against climatic influences. Material should be stored flat in order to avoid deformation.

QUALITY ASSURANCE

For quality assurance, a german quality management is used. Starting in the purchase of the slate raw-material until the eventual shipment of the finished *Slate-Lite STONEBOARDS*, each square cm of the product is out through a strict quality control. All products are inspected by severyl quality inspectors and tested until the final release to be shipped.

SHIPPING / UNBOXING

Please check directly when receiving the goods whether the corners have been damaged. Acknowledge any damage directly. Please open all packaging carefully and make sure that you don't damage the material.

Please note that small chippings of stone are not a damage of the material, but rather a quality feature of the real stone surface: Despite small pieces of stone in the package, the *Slate-Lite STONEBOARDS* are normally completely undamaged and the stone surface is intact!

In addition, slight superficial scratches on the material can occur, this is storage and transport conditionally unavoidable. Such light scratches can be easily wiped away with a lint-free cloth and are also no damage to the material!



A detailed FAQ video for shipping and unpacking the goods is available on our homepage and on YouTube.

All transport lines can be used.

	Stock Europe Palett
240 x 120	20 pcs.

INFORMATION: MATERIAL CHECK AFTER DELIVERY

Slate-Lite STONEBOARDS are made of layered rock. Color differences in the individual plates and quartz veins that run through the stone, natural cracks or slight chipping may occur.

This is not a complaint reason, but is a feature of the natural stone surface!

Should you nevertheless discover a defect or too great changes in color and structure of the goods sent, we ask you to inform us immediately within 14 days.

Goods that are processed despite obvious defects are excluded from regression claims!



Processing with
1 single person



Point glueing



Perfect for
kitchen & shower

