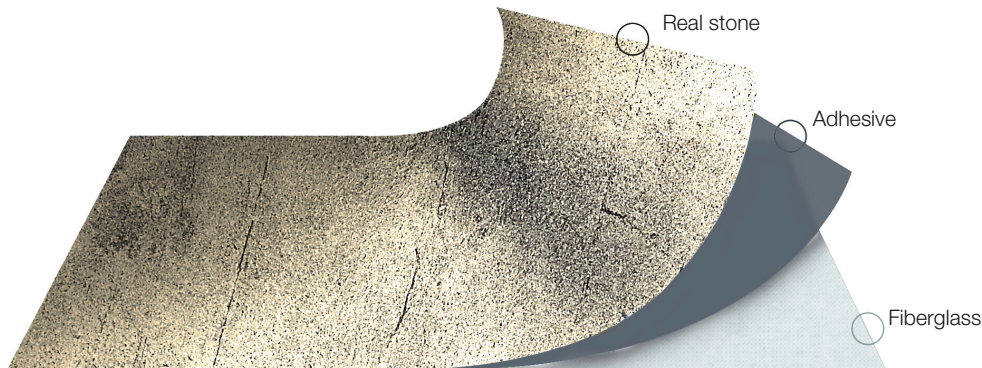




SLATE LITE™

TRANSLUCENT™

Data sheet



DIN EN 15012:2008-01
DIN EN 15102:2007+A1:2001

PRODUCT

Translucent consists 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

Silver Grey, D-Black, Galaxy Black, Cobre New, Argento Auro, Cobre, Verde, Auro, Verde Gris, Argento, Mare, Molto Rosa, California Gold, Negro, Arkobaleno Colore, Arkobaleno Gris, Falling Leaves, Blanco, Terra Rosso, Tan, Burning Forest, Rustique.

COLOR VARIANCE

Slate is an absolute timeless natural product, which evolved over millions of years in the earth's crust. Slate is a natural product; form and color variation is possible and invariably makes every square meter to a unique design. We are always striving for little color variation in lots and structurally similar sheet decor. For large areas you should contact us if a specific color and structure is required.

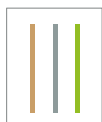
STANDARD SIZES

Standard size 1.220 mm x 610 mm in all material colors.
Special sizes up to 2.400 mm x 1.200 mm available in multiple stones.

DIMENSIONAL TOLERANCE

The dimensional tolerance is $\pm 1,5$ mm in length and width and at the right angles.
For industrial use tolerance requirements may be adjusted.

WEIGHT	THICKNESS	DENSITY
ca. 1.700 g/m ²	1,5–2,0 mm	1,45 kg/m ²
THERMAL EXPANSION		FORMALDEHYDE
0,5–0,8 mm (by temperature variations up to 90°C)		Free of Formaldehyd



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TEST ACCORDING TO ASTM / C-121

Water absorption in unsealed surface +2,5%

ABRASION TEST

Abrasion test according to IS: 9162-1979

Average abrasion 0,7 mm

Maximum wear 0,8 mm

CE-CERTIFICATION

Slate-Lite has been approved by CE-Standard: DIN EN 15102:2008-01
DIN EN 15102:2007:A1:2011

PROCESSING TEMPERATURE

10°C to 35°C are recommended.

APPLICATION

Translucent can be applied in almost all areas (floors, walls, ceilings, interior design, furniture, outdoor areas and facades).

For these areas we recommend different types of adhesives, for example: *Soudaseal MS Clear*, *ASK DS770*, *Selfadhesive*, UV resistant polyester or epoxy and a few other depending on your application.

TOOLS TO WORK WITH

Translucent can be worked with any commercially available tools (DIY tools): Sawing, drilling, milling, cutting, bending, pressing. For industrial processing, we recommend using diamond blade tools due to strong wear on wood blades.

If masking tape is used, please make sure, that no adhesive is left on the sheet. So please use tape with low adhesion and do not leave the tape on the surface for too long.

SEALING

By a single treatment with a sealing, almost all natural stone surfaces are easier to maintain. Not only water but also oil and grease can no longer penetrate into the surface. Sun spots are prevented.

For light traffic areas indoors, we recommend sealing with the water based *Slate-Lite Special Impregnator*. This is suitable for all surfaces without too much use like walls, ceilings, furniture and kitchen fronts. Also we recommend the *Slate-Lite Special Protection* which is even suitable for wet areas and bathrooms due to its nano-perl effect.

When being applied on high traffic areas, such as industrial floors and outdoors, a 2 component PU sealer is recommended. For walls and facades we recommend *Slate-Lite 2K-Protection Wall*. For floor ceilings we recommend *KLB PU 805 E* by KLB Kötztal. Note the processing information from the manufacturer.



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REGULAR MAINTENANCE

All natural stone surfaces, even if impregnated (sealed) must be wiped moist regularly. We recommend our *Slate-Lite Care Cleaner*, which contains a small amount of the impregnator which insures the surface stay sealed. The care cleaner is mixed with water and then can be mopped over the floor. Important note: Acid cleaners attack the surface of the stone!

STORAGE

The storage of unsealed material must be dry, preferably frost-free and sun protected. Protect against climatic influences.

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 *Translucent* through each square cm of the product is out through a strict quality control. All products are inspected by several quality inspectors and tested until the final release to be shipped.

SHIPPING

Normally, *Translucent* is packed into boxes and put on paletts or delivered without a palett. The maximum capacity of a palett goes up to 700 pieces. All transport lines can be used. Due to it's low weight, *Translucent* can be sent worldwide with low cost. For quick delivery even a parcel service can be used.

DISTRIBUTORS

R&D GmbH has an almost worldwide distribution network. Simply send us your request and we will redirect them to their respective distributors.

