



Our test partners

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 composition

Material colors:

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

Sizes in mm:

Standard sizes 1220 mm x 610 mm in all material colors
Special sizes up to 2400 mm x 1200 mm available in multiple stones

Dimensional tolerances:

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

Weight	Thickness	Density	Thermal Expansion	Formaldehyde
ca. 1.700 g/m ²	1,5 – 2,0 mm	1,45 kg/m ²	0,5 – 0,8 mm by tempertaure variations up to 90°C	Formaldehyde free

Test according to ASTM

C-121:

Water absorption in unsealed surface +2,50%

Abrasion test according to

IS: 9162-1979:

Average abrasion 0,70 mm
Maximum wear 0,80 mm

Processing temperature:

10° 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: Soudal MS Clear, UV resistant polyester or epoxy and a few others, 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 Slate-Lite Stain Stop, 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 Slate-Lite Stain Stop. For walls, ceilings, furniture and kitchen fronts. This is suitable for all surfaces without too much use. Note the processing information from the manufacturer.

When being applied on high traffic areas such as industrial floors and outdoors, a 2 component PU sealer is recommended (KLB 800E).

For lower traffic areas such as private homes or apartments, we recommend water based impregnator (Slate-Lite Special Impregnator).

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 Slate-Lite through each square cm of the product is put through a strict quality control. All products are inspected by several quality inspectors tested until the final release to be shipped.

CE Certification:

Slate Lite has been approved by CE-Standard: Din EN 15102:2008-01 & EN 15102:2007+A1:2011.

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 its low weight, Slate-Lite can be sent worldwide with low cost. For quick delivery even a parcel service can be used.

Distributors:

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

www.slate-lite.com

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