

Manufacturer / Dealer: Architects Paper
A brand of A.S. Création Tapeten AG
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Product: Stoneplex Sand

Field of application: Stoneplex Sand is a structured wall covering for the design of high value and exclusive interior wall areas for hotels, offices, living areas etc. Amongst other suitable surfaces are e.g.: all types of masonry, plaster, concrete, fibre-cement, plasterboard and other mineral based wall surfaces.

Product Properties:

- natural product (sedimentary sandstone)
- stable in dimensions up to 100° C
- flexible
- covers a) static cracks up to 4 mm
b) dynamic cracks up to 2 mm (on the base of
DIN EN 1062-7:2004-08 by standard conditions
DIN EN ISO 291 – 23/50)
- insensitive to knocks
- to be installed only in wall-pasting technique
- no soaking time to respect
- free from PVC, plasticizers and solvents
- highly fire-retardant

Technical Product Information:

Product Surface:	sedimentary sandstone layers
Backing Material:	cotton weave
Colours:	Stoneplex Sand is a natural product. Due to naturally occurring rock formations within the structure and colours, each drop has the property of being slightly different which offers no reason for complaint. Each drop is unique.
Grammage:	1,800 – 2,950 g / m ²
Thickness:	0.7 – 3 mm
Thermal Expansion:	8 - 10 mm / m ² at 150° C
Quartz Concentration:	about 95%
Recommended Ambient Temperature:	optimal $\geq + 18^{\circ}$ C Not to be applied under less than $+ 10^{\circ}$ C ambient temperature.
Melting Point:	$\geq + 1,550^{\circ}$ C
Flashpoint:	not applicable
Odour:	odourless
Roll Dimension:	270 cm x 100 cm (2.7 m ² per roll) trimmed edges

Packing: 1 roll per carton

Test Certificate: In combination with a non-combustible surface comprised of solid mineral building material or on non-combustible building slabs in system structure with "Stoneplex G 1000": Building Material Class B₁ according to DIN 4102-01 (05/98) – Testing Certificate Number: P-MPA-E-08-523

Storage: Stoneplex Sand in original packaging, horizontal, dry and stored at least at + 5° C.

System Paste: Use solvent-free dispersion adhesive „Stoneplex G 1000“. Apply the paste with a notched trowel with B₃ teeth. Coverage according to surface and amount needed according to task up to 0.7 kg / m².

To avoid bonding problems don't cover too large an area at once. Don't work at temperatures below + 10° C. The recommended working temperature is + 18° C. Avoid direct sunlight. Warranty exists only in connection with Stoneplex System Structure.

Application:

Preparing the wall surface:

The surface is to be checked before application to see if it is suitable for the proposed utilization.

The wall surface must be clean, dry, hard, smooth and slightly absorbent. Any old layers of wallpaper must always be removed and any unevenness evened out.

Layers of old, non-sustainable or cracked paint or finish must be removed before wallpapering. If this cannot be accomplished with simple sanding, paint strippers will be required.

Furthermore, concrete surfaces must be free of sinter layers, cement skin, blooming efflorescence and separators or solvents and curing agents.

Fill or seal all gaps, nails/screw heads and dents.

See also German Construction Contract Procedures (VOB) Part C, DIN 18363 Paragraph 3.1.1.

Instructions for Use:

The drops must be acclimatised to the room for at least 24 hours at + 18°C minimum. Avoid thermal bridges on the flooring. The higher the room temperature and the warmer the material, the better you can cut and handle Stoneplex!

Before pasting the drops spread them out and arrange order to later mural match.

Use special paste, „Stoneplex G 1000“ directly and evenly spread on the wall using a B₃ notched trowel. The only warrantee is by using the Stoneplex interconnected system paste.

Place the Stoneplex Sand in the pasting tray avoiding bubbles. No soaking time is required.

According to the required effect:

- a) in continuous runs: butt following runs both horizontally and vertically (as with Parquet)
- b) in room high drops: following drops butt vertically
- c) as a continuous mural: allow following drops to overlap appropriately and cut along a natural break or contour such as a ledge so that a continuous picture is created.
Calculate for 15% to 20% waste.

Paste flecks must be avoided at all costs. If unwanted flecks do come onto the surface then allow the paste to dry out and then remove carefully.

Use a hot air gun on butts (at least 1,600 Watt). Heat cautiously and weld if necessary rubbing carefully with a wooden spatula.

Overhangs should be cut off with a sharp cutting knife. Check for faults after each drop.

Damaged areas are no reason for complaint and can be repaired by thermal treatment at any time.

Drying Conditions:

At + 20° C and by 65% relative humidity about 24 – 48 hours (also dependent on the absorbency of the surface).

The explanations in this technical datasheet are based on practical experience. They do not release you from the need to check the named materials as to suitability for task in hand. In case of any questions concerning suggestions for treatment please contact our practical technical department. Concerning the multitude of practical uses and methods of handling described in this technical datasheet, no legal responsibility can be accepted. With the publication of a new edition, due to technical advances, all previous editions become invalid.

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