



SLATE LITE

the future of stone.



DATA SHEET: EXTREME ADHESIVE

PRODUCT

SLATE-LITE EXTREME ADHESIVE is a 1-component MS adhesive designed specifically for bonding *Slate-Lite* and *UltraThin eco+* stone veneers. The adhesive is suitable for interior and exterior use as well as for wet applications.

(Classified according to the criteria of GEV in EMI CODE class C1PLUS. Licensing number: 13424, French VOC emission class A+)

SUBSURFACES

SLATE-LITE EXTREME ADHESIVE is suitable for vertical and horizontal surface bonding to most substrates, including wood, metal, glass, sheetrock, concrete, fiber cement, lightweight panels, acrylic, etc.

Make sure the substrate to be used is level, clean, crack-free, and resistant to tension and compression. The best bonding results are achieved on clean, dry, dust and grease-free substrates. It is advisable to first perform an adhesion and compatibility test on any substrate. Polyolefins (e.g. PE, PP) cannot be bonded without pre-treatment, e.g. plasma or corona process. When bonding on PS-hard surfaces, priming is always recommended. The bonding of PVC, ABS, PC, PET, GRP based on polyester or polyamide and powder-coated surfaces should only be applied after pre-treatment of the bonding surfaces with a suitable activator.

APPLICATION

Ensure that both the stone and the substrate are free of dust and grease. Apply *SLATE-LITE EXTREME ADHESIVE* with a B3 notched trowel (*Slate-Lite*) or A2 notched trowel (*UltraThin eco+*) to the full surface to be applied. Make sure that the grooves are evenly distributed. The duration of curing depends on the ambient temperature.

TECHNICAL PROPERTIES

BASIS 1-component moisture-curing silane-terminated polymer

DENSITY according to EN 542 at +20 °C approx. 1.52 g/cm³

SHORE HARDNESS according to DIN 53505 approx. 47 Shore A

CURING SPEED at +20 °C, 50 % r. h. approx. 2 mm in 24 h

CURING TIME at +20 °C, 50 % r. h. until final strength is reached approx. 7 d

WORKING TEMPERATURES adhesive and substrates from +5 °C to +30 °C