



PRODUCT DESCRIPTION

Slate-Lite PU is a moisture-curing 1-K-PUR adhesive with a broad adhesion spectrum. It is ideal for pressing of *Slate-Lite* and *EcoStone* on carrier materials.

PRODUCT FEATURES

Slate-Lite PU is free of solvents and formaldehyde. It is moisture-curing and has high strength values. It has water resistance D4 according to DIN EN 204/205 and heat resistance according to Watt 91 > 7 N/mm² bei 80°C and HRT 92 ca. +120 °C.

Fulfills IMO Resolution A.1/3.18 e „flame retardant“. For the production of parts that have to fulfill IMO Resolution a.1/3.18 e „flame retardant“, maximum adhesive rate is 159 g/m².

Slate-Lite PU is highly foaming and therefore not thinnable.

APPLICATION EXAMPLES

Adhesive suitable for mineral panels, fiber boards, composite elements etc. made of softwood, PUR foam, polystyrene foam and many other materials. Not suitable for larch wood.

APPLICATION

Adhesive is usually applied with a A2 trowel. Press with a release agent suitable for PU adhesives. Paper feed recommended. Press surface must be slightly moistened. Minimum pressing time at 20°C of 1–2 hours. Open time is 20°C/50% r.F. 7–12 min.

Material properties and processing conditions influence the joining and bonding process, so own tests are advisable.

After curing only cleanable mechanically with sandpaper.

Please note that a balancing mat for the press is needed to avoid damaging the press.

DURABILITY

In unopened original packaging in cool and dry storage for up to 6 months.

TECHNICAL CHARACTERISTICS

Viscosity at +20°C (mPas)
approx. 6.000 (Brookfield)

Density at +20°C (g/cm³)
approx. 1,1

Solids (%)
approx. 99

NCO content (%)
approx. 14

Foaming behaviour
strong

Processing temperature
>+ 10°C

NOTE

This information and our technical advice whether spoken, written or through attempts are made to the best of knowledge. However, they apply only without warranty. This applies also to proprietary rights of third parties. This advice does not release from own tests of our products and advices to their suitability of your own projects and purposes. In addition to our information, the relevant guidelines and advices of organizations and trade associations as well as the DIN standards must be observed. The application, use and processing of our products and the products based on our technical recommendations are beyond our control and, therefore, entirely within your own responsibility.