

TwinBond Extreme

VERTICAL BONDING OF HEAVY MATERIALS



- ✓ Single-component MS polymer.
- ✓ High initial adhesion
- ✓ Increased tensile strength.

Technical Info

- Consistency (DIN EN ISO 7390): stable.
- Density 23°C / 50% H.R.: $1,35 \pm 0,05 \text{ g/cm}^3$.
- Shore-A-hardness (DIN 53505) after 3 weeks of storage at 23°C / 50% H.R.: 55.
- Modulus elongation at 100% and 23°C (DIN 53504 S2) storage during 7 days at 23°C / 50% H.R.: $\pm 1,7 \text{ N/mm}^2$.
- Elongation at break (DIN 53504 S2) storage during 7 days at 23°C and 50% H.R.: $\pm 300\%$.
- Tensile strength (DIN 53504 S2) storage during 7 days at 23°C / 50% H.R.: $\pm 2,9 \text{ N/mm}^2$.
- Tooling time at 23°C / 50% H.R.: max. 15 min.
- Curing through at 23°C / 50% H.R./ after 24h: $\geq 3,5 \text{ mm}$; after 48h: $\geq 4,5 \text{ mm}$.
- Change of volume (DIN EN ISO 10563): $\leq 3\%$.
- Temperature resistance: -40°C to +90°C.
- Application temperature: from +5°C up to +40°C.
- Shelf life: 15 months, keep dry, cool and frost-free.
- Safety measures: consult the Safety Data Sheet.

Packing

TwinBond Extreme black - sausage 600ml (on request)	550347924
TwinBond Extreme black - cartridge 290ml	550359924

Product

Characteristics

Low-odour, neutral MS polymer that dries in contact with air humidity. For vertical or pending bonding of heavy materials: natural stone, stone facings, ceramics, plaster, concrete, wood, insulation panels,... Can be painted over directly. Reduces the transmission of vibrations and sound through walls and fills irregularities in rough surfaces. Does not contain phthalates, solvents, isocyanates or silicones.

Use

- Apply to a clean, stable substrate.

- Degrease and clean substrate with TwinBond Clean and/or TwinBond Foam.
Use between +5 °C and +40 °C.
Test adhesion to plastics, powder coatings, exotic species of wood and bituminous materials.
Reinforce poor-quality and porous substrates beforehand with TwinBond SIP.