



2-part PUR adhesive

COSMO PU-200.280

This high-strength 2-part adhesive in the practical twin cartridge with static mixing tube achieves constructional force-locked connections with an excellent heat and weather resistance. Because of its wide adhesion spectrum, this adhesive can be used for a lot of different application fields, e.g. for Aluminium window and door manufacturing for bonding of corner connectors, in the dry construction for the friction-locked joint bonding of gypsum fibre boards and granulate cement plates and can be applied for joints with a width between $\geq 3\text{mm}$ and $\leq 8\text{mm}$.

SPECIAL CHARACTERISTICS

- wide adhesion spectrum to different building materials
- high bonding strength
- controlled hardening up
- large gap bridging
- easy handling thanks application by means of the twin cartridge with static mixing tube
- long processing time
- thixotropic, does not drop
- good weather resistance
- solvent-free
- suitable for the injection procedure in the window manufacturing
- can be painted after the hardening up
- later powder-coating possible

APPLICATION EXAMPLES

- bonding of aluminium corner angles into anodised or powder-coated cover- and wing frame profiles for the aluminium window-, door- and façade manufacturing
- joint bonding of gypsum fibre boards

- bonding of different material surfaces, e.g. wood, laminate, glass fibre reinforced plates GRP/GFK (smoothened) and aluminium.
- GRP/GFK-sandwich superstructures in the vehicle construction
- filling of assembly joints of up to 8 mm width
- restoration of damaged joints

TEST REPORTS

Corner angle bonding in the aluminium window manufacturing

Tested by the ift-Rosenheim (institute for window technique), test report no. 50924109/1 „Examination of the resistance to tensile strength of bonded frame corners of aluminium-compound profiles at different temperatures and after diverse conditions of storage“.