

PUB-1380 PU Construct 2K Low MDI

2K LOW MDI PU ADHESIVE

- Low MDI: safe product, no training required
- Smooth application, even vertically
- Long shelf life & mixing time
- Ready for use after 1 hour

Technical Info

- Base: Low MDI polyurethane.
- Colour: light beige.
- Mixing time: 12 min.
- Working time: 25 min.
- Manageable / workable after: 60 min.
- Fully loadable after: 90 min.
- Hardness: Shore D 80.
- Tensile strength: 800 N/cm².
- Shear strength on aluminium (unsanded, basic clean): 360 N/cm².
- Shear strength on aluminium (sanded, deep clean): 1400 N/cm².
- Shear strength on aluminium (sanded, deep clean, 80°C): 300 N/cm².
- Elongation at break: 20%.
- Chemical resistance:
  - Good: water, seawater, alcohols, dilute acids and bases, aliphatic solvents, fuels, oils
  - Bad: concentrated acids and bases, acetone
- Shelf life: 18 months in original, sealed packaging; store in a cool, dry and frost-free place. Can be used for up to 6 months after opening.
- Safety precautions: Please consult the safety data sheet.

Product [PUB-1365]

Characteristics

PUB-1380 Low MDI PU Construct 2K is a two-component filling adhesive and repair paste in a side-by-side cartridge. The long mixing time makes it possible to continue working regularly with the same mixer tip. After 60 minutes, it will have hardened sufficiently to be further processed or transported.

PUB-1380 is ideally suited for corner bonding in aluminium and PVC window constructions. Furthermore, it can be used as a non-shrinking filling adhesive on most metals, plastics and types of wood.

PUB-1380 hardens to an impact-resistant plastic (Shore D 80) with high bonding strengths and very high chemical resistance.

Applications

- Corner bonding of aluminium and PVC window profiles
- Structural bonding of steel, aluminium, brass, bronze, etc.
- Bonding of plastic and metal body parts
- Filling and repairing plastic, wood, metal

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Packing

PUB-1380 PU Construct 2K Low MDI - cartridge 2x200ml	575105000

Use

Surface preparation

- Make the surface dust-free.
- Degrease with Safety Clean and/or Multifoam and allow to dry.

Pattern preparation

- Remove the cap from the cartridge and place the cartridge in the gun. Pump until both components come out of the cartridge evenly.
- Place the mixer tip on the cartridge. Spray the first 2 cm of product onto a piece of cardboard, do not use.

Usage

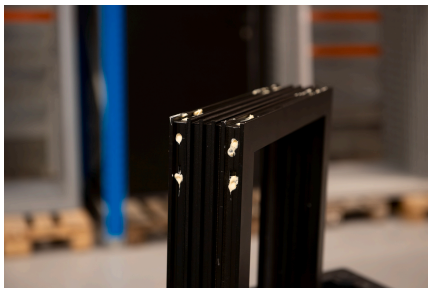
- Apply evenly to or in the materials to be bonded or filled. The ideal adhesive thickness for optimal strength is 0.5–1 mm.
- Filling can be done in a single layer up to +/- 10 mm. After the first curing (30 minutes) a new layer can be applied.
- After an interval of approximately 12 minutes, replace the mixer tip.
- Clean spilled adhesive with Safety Clean and/or Nova Wipes.
- Always perform an adhesion test when using on difficult-to-bond or unknown materials.

Storage

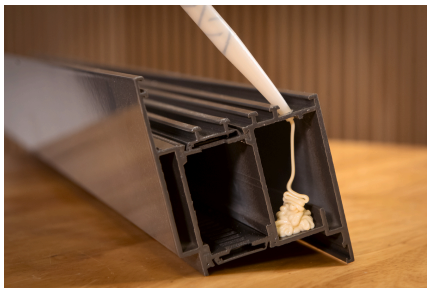
- Leave the mixer tip installed until next use. PUB-1380 can be reused in this way for 4–6 months.
- When reusing: remove the old mixer tip, clean the nozzle openings and insert a new mixer tip.

Tips:

- Higher temperatures mean faster curing. Heat the pieces and/or the tube to a maximum of 50°C.
- Use Q-Fix 120 for powerful anchoring in drill holes.







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