



NPG-1370 Nova Power Grip 2K ME

LOW-ISOCYANATE, IMPACT-RESISTANT CONSTRUCTION ADHESIVE

- ✓ Gluing, filling and repairing
- ✓ Hand-tight after 30 minutes
- ✓ Can be processed: sanded, drilled, milled, tapped, etc.
- ✓ ME: Micro emission, very low content of free isocyanates

Technical Info

- Base: polyurethane.
- Colour: beige
- Mixing time: 3 min.
- Working time: 6 min.
- Ready to handle after: 30 min.
- Fully loadable after: 90 min.
- Hardness: shore D 70.
- Tensile strength: 2600 N/cm².
- Shear strength on aluminium (sanded): 650 N/cm².
- Shear strength on stainless steel (sanded): 910 N/cm².
- Shear strength on PVC (sanded): 270 N/cm².
- Shear strength on polycarbonate (sanded): 880 N/cm².
- Elongation at break: 58%.
- Chemical resistance:
 - Good: water, seawater, alcohols, dilute acids and bases, aliphatic solvents, fuels, oils
 - Bad: concentrated acids and bases, acetone
- Shelf life: 24 months in original, closed packaging; store cool, dry and frost-free. Can be used for up to 6 months after opening.
- Safety precautions: Please consult the safety data sheet.

Product [NPG-1370]

Characteristics

- Odourless, shrink-free 2-component polyurethane adhesive with extremely low Isocyanate content.
- Safe to use, no certification or training required.
- Hand-tight after 30 minutes, workable and fully loadable after 1–2 hours.
- Very high adhesive strength and strong shock resistance.
- An opened tube can be used several times.
- The micro-emission formulation means that users do not need to follow any specific training and can work with the product without any health risks.

Applications

- Structural bonding of all common building materials: glass, stone, natural stone, ferrous and non-ferrous metals, stainless steel, ...
- Repairing and filling cracks and holes in plastics (Carbon, ABS, PVC, PC, HPL, PA, PET, ...) and wood (spruce, pine, oak, meranti, ...).
- Body repair of plastic and metal parts in cars, motorcycles, boats, caravans, campers, etc.
- Filling drill holes that need to be re-drilled.
- Restoring wood in case of broken furniture hinges.

Packing

NPG-1370 Nova Power Grip 2K ME - cartridge
250ml

590416000

Use

Surface preparation

- Make the surface dust-free.
- Sand smooth materials (grit 120).
- 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 optimum 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 interruption of +/- 3 minutes: insert a new mixer tip.
- Clean spilled adhesive with Safety Clean and/or novawipes
- Always perform an adhesion test when using on difficult-to-bond materials.

Storage

- Leave the mixer tip installed until next use. Nova Power Grip 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 Nova Power Grip tube to a maximum of 50°C.
- Use Q-fix 120 for powerful anchoring in drill holes.