



Tec7 Fast

STICKS EVERYTHING... SUPER FAST

- ✓ Strong bond in 15 minutes*
- ✓ Also bonds difficult materials: PC, Plexiglas, Bluestone, EPDM, etc.
- ✓ Horizontal, hanging and vertical bonding
- ✓ Hardens from -10°C
- ✓ Easy to apply



Technical Info

(All values at 23°C / 50% relative humidity)

- Base: NTec hybrid polymers.
- Curing: Polymerisation with (air) moisture.
- Odour: neutral.
- Density: 1.52 +/- 0.1 g/cm³.
- Processing temperature: -10°C to +30°C.
- Thermal stability: -40°C to +90°C / peak 200°C (max. 20 minutes).
- Skin formation: 3-5 minutes.
- Tack free time: 6-10 minutes.
- Functional strength (hand tight):
 - Porous materials: 15 min
 - Non-porous materials: 2-3 hours
- Curing:
 - 24h – 6mm
 - 7d – 14 mm
- Volume shrinkage after curing: < 1%.
- E-modulus 100% (DIN 53504 S2): 200N/cm² / 2.00 MPa.
- Elongation at break (DIN 53504 S2): 200%.
- Shore A hardness (DIN 53505): 60.
- Tensile strength (DIN 53504 S2):
 - After 7 days: 270 N/cm² (= 270 kg/10cm²)
 - After 3 months: 300 N/cm² (= 300 kg/10 cm²)
- Chemical resistance:
 - Good: water, seawater, aliphatic solvents, oils, fats, dilute organic acids, alkalis
 - Moderate: esters, ketones, aromatic solvents
 - Bad: concentrated acids, chlorinated solvents

Product

Characteristics

- *Functional strength on porous materials after 15 minutes
- *Functional strength on non-porous materials after 2 hours
- On dry and damp surfaces
- Remains elastic over the long term
- Almost odourless
- Free from toxic substances such as isocyanates, solvents and phthalates
- Waterproof and airtight
- Good UV resistance

Applications

Universally applicable in construction, plumbing and general maintenance.

Safe to use on all materials: mirrors, polystyrene, non-ferrous metals, most plastics... Leaves no marks on natural stone.

- Bonding wooden and metal framework to concrete (raised floors)
- Gluing slats/structures to floors with underfloor heating; avoid drilling. For example, built-in cupboards
- Bonding metal stud floor and ceiling profiles (plasterboard)
- Gluing rigid insulation boards to ceilings
- Gluing ridge tiles and facade tiles
- Installation of PC light panels in sloping roofs
- Installation of zinc roof details: gutters, roof trim, overflows, penetrations, skylight flanges, cable ducts for solar panels and air conditioning
- Facade and decorative plinths in natural stone

- Weather resistance: very good.
- Shelf life: 15 months from production. The first seven digits of the batch number are the production date: YY WW DDD, where YY = year (24 = 2024), WW = week and DDD = day.
- Safety precautions: please consult the safety data sheet.

Packing

Tec7 Fast black - cartridge 290ml	538106000
Tec7 Fast white - cartridge 290ml	538206000
Duopack 2 x Tec7 Fast white 290ml	538998000
Pedestal Display Tec7 Fast	538995000
Pedestal Display Tec7 Fast Duopack	538994000

- Vertical bonding of light fixtures to facade bricks
- Signage: house numbers, pictograms, advertising boards
- Skirting boards and mouldings
- Wooden planks against MDF or lathwork
- Wall panelling, acoustic panels
- Waterproofing panels in shower walls: rigid wall panels, PVC panels, acrylic
- Door frames, jambs, trims
- Window sills in wood, natural stone, composite, HPL
- Thresholds, doorsteps, entrance doors
- Fittings and skirting boards for custom cabinets, fixing the body to the wall, mounting the top
- Splash backs, kitchen back walls against wall
- Stair treads, stair nosings
- Fixing standing toilets
- Mounting cable ducts to walls and ceilings

Use

- Processing temperature between -10°C and +30°C. At temperatures below 0°C, curing will be significantly delayed.
- Apply to a clean, stable, dust- and grease-free surface.
- Test adhesion on plastics, powder coatings, exotic woods and bituminous materials. Tec7 Fast has no or only limited adhesion to PP, PE, PTFE and silicone. PT7 primer increases the adhesion to plastics and powder coatings.
- Reinforce weak and powdery surfaces (plaster, old concrete, wood, etc.) with Poxo Primer.
- Tec7 Fast hardens through a reaction with (air) moisture. Use Tec7 Fast in lines, not in thick clumps. Dots will take longer to harden. When used between two airtight materials, it is recommended to dampen one of the surfaces very slightly.
- Ideal adhesive thickness: 0.1 mm to 3 mm. On porous surfaces with an adhesive thickness of 0.25 mm, the bonding is load-bearing after approx. 15 minutes, fully cured after 24 hours. With thicker adhesive layers and non-porous substrates, the build-up of force will be delayed.
- One way to achieve thin layers of adhesive is to not cut the nozzle at all, or to cut it only very slightly.
- Bonding between two non-porous, vapour-resistant substrates prevents the availability of moisture and slows down curing.
- Use vertical adhesive strips to avoid moisture and dust accumulation.
- Can be painted over after skin formation. Do not use with alkyd-based lacquers and paints.
- Use Tec7 Cleaner and/or Tec7 Powerwipes to clean tools and/or remove uncured Tec7. Clean hands and skin with Tec7 Powerwipes.
- Cured Tec7 Fast can only be removed by mechanical means. Any residue can be removed with Remove All if the substrate can withstand it.

Please take care when using a gun with Tec7 Fast!

When using Tec7 Fast with a cartridge gun, it is important to be aware of the build-up of internal pressure in the cartridge. If the pressure becomes too high, this can lead to leakage at the rear of the cartridge, near the plunger.

To ensure safe and optimal application, we recommend taking the following points into account:

- The size of the nozzle opening has a direct impact on the build-up of pressure in the cartridge. If the opening is too small – for example, if the nozzle has not been cut or has only been cut along the smallest cutting line – the pressure required to extrude the product may increase significantly. Therefore, always ensure the opening is sufficiently large, tailored to the desired quantity of product and the application.

- If an opened tube has not been used for more than 15 minutes, the nozzle must always be checked before resuming work. Check that the product has not hardened in the nozzle and that Tec7 Fast can still be squeezed out of the nozzle freely. A partially hardened nozzle can cause increased pressure build-up.

We always recommend using our products with a Tec Gun, Multigun or Omnigun.

