



# 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/cm<sup>3</sup>.
- 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.
- Sticky: 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/cm<sup>2</sup> / 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/cm<sup>2</sup> (= 270 kg/10cm<sup>2</sup>)
  - After 3 months: 300 N/cm<sup>2</sup> (= 300 kg/10 cm<sup>2</sup>)
- Chemical resistance:
  - Good: water, seawater, aliphatic solvents, oils, fats, dilute organic acids, alkalis
  - Moderate: esters, ketones, aromatic solvents
  - Bad: concentrated acids, chlorinated solvents
- Weather resistance: very good.

## 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
- Vertical bonding of light fixtures to facade bricks
- Signage: house numbers, pictograms, advertising boards

- 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

- 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 Poxy 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.

