

QUICK & STRONG

POWERFULL AND FAST BONDING WITH HIGH INITIAL TACK

Elastic adhesive based on hybrid polymer with high initial bonding strength and excellent adhesion to most building materials. It replaces mechanical fixing and is an ideal solution for bonding heavy parts.



PROPERTIES

- Ideal for bonding of heavy parts.
- High final bonding strength 350 kg/10 cm².
- Excellent adhesion to most building and metal materials - concrete, brick, wood, aluminium, iron, stainless steel, copper and various plastics.
- Excellent adhesion even to wet surfaces.
- Good extrusion even at low temperatures.
- It does not slide in vertical cracks.
- Shrinkage at curing is less than 1,5 %.
- Chemically neutral and odourless.
- Environmentally friendly; free of solvent, isocyanate and silicones.
- It can be painted with most paints and varnishes based on epoxies, polyurethanes and water.
- Resistant to weather conditions, UV light and aging.
- Does not cause corrosion.
- Chemical resistance:
 - good: water, aliphatic solvents, mineral oils, fats, dilute inorganic acids and bases,
 - poor or not resistant: aromatic solvents, concentrated acids and chlorinated hydrocarbons.
- Colour: white.

TESTS AND CERTIFICATES

- Food contact
- GEV EMICODE EC 1 PLUS

AREA OF USE

- Bonding stair steps, shelves, wooden trims, corner profiles, ceramic tiles, mirrors, and signs.
- Filling cracks and gaps.
- Various household applications, including in kitchens and bathrooms.
- Bonding in construction, automotive, mechanical engineering, shipbuilding, and container manufacturing.

TEHKNICAL DATA

Fresh mass

| | | |
|--------------------------|------------------------|-----------------------------|
| Base: | | hybrid MS-polymer |
| Appearance: | | paste |
| Curing mechanism: | | with air humidity |
| Specific weight: | | 1500 ± 30 kg/m ³ |
| Skin formation time: | 23 °C/50 % rel. humid. | 10 ± 5 min |
| Curing time: | 23 °C/50 % rel. humid. | 2-3 mm/day |
| Application temperature: | | from +5 °C to +30 °C |

Cured mass

| | | |
|-------------------|---------|--------|
| Shore-A hardness: | ISO 886 | 55 ± 5 |
|-------------------|---------|--------|

| | | |
|-------------------------|-----------|-----------------------|
| Volume change: | ISO 10563 | < 1,5 % |
| Tensile strength: | ISO 8339 | 1,5 ± 0,3 MPa |
| Elongation at break: | ISO 8339 | 150 % ± 30 % |
| Tensile strength: | ISO 37 | 2,0 ± 0,5 MPa |
| Elongation at break: | ISO 37 | 150 ± 50 % |
| Temperature resistance: | | from -40 °C to +90 °C |

INSTRUCTION FOR USE

- The surfaces must be solid, clean and free of dust and grease.
- Cut the cartridge by the thread, screw on the supplied V-neck tip and insert into the gun.
- Apply the glue by holding the gun vertically on the surface to get a triangular application of glue.
- Apply the adhesive to one of the glued surfaces in horizontal lines (line width approx. 8 -10 mm).
- After applying the glue, join both surfaces together.
- For gluing heavier parts, we recommend additional fastening.
- Fresh sealant and tools can be cleaned with the TTK CLEAN PROTECT tool cleaner, hardened sealant should be removed mechanically first and then with a cleaner for hardened silicone – TTK CLEAN PROTECT silicone remover or TTK CLEAN PROTECT universal cleaner.

PACKAGING

- 290 ml cartridge

STORAGE

- 15 months in dry and cool places at a temperature between 5 °C and 25 °C in the original sealed packaging.

HEALTH, SAFETY, HANDLING AND DISPOSAL INFORMATION

Additional safety information, safe handling instructions, information on personal protective equipment, and disposal information can be found in the safety data sheet. The safety data sheet is available on request. You can also obtain a copy from your TTK sales representative.

WARNING

The instructions are based on our tests and practical experience. However, due to specific conditions and working methods we recommend preliminary tests for each application.