

TURBO

ADHESIVE WITH RAPID STRENGTH BUILD-UP FOR FAST BONDING

High quality hybrid polymer adhesive-sealant with rapid strength build-up for fast bonding on a wide range of surfaces. It remains permanently elastic after curing.

PROPERTIES

- Very fast strength build-up if applied in a thin adhesive layer.
- High adhesive strength.
- Excellent extrudability.
- Very good adhesion on many materials, even if slightly moist.
- Permanently elastic after curing.
- Can be painted with water-based systems.
- Good weather resistance.
- Excellent UV resistance.
- Non-staining on natural stone.
- Provides excellent adhesion on all common building substrates, including lacquered wood, various types of aluminium [AlMgSi1, AlCuMg1, AlMg3], steel [ST1403, electrolytic and flame-galvanized], natural stone, a wide range of plastics [polystyrene, polycarbonate, PVC, ABS, polyamide, PMMA], fiberglass-reinforced epoxy, polyester, and many other materials.
- Achieves a hand-tight bond in approximately 20 minute.
- Adjustable for up to 5 minutes after application.
- Color: White.

AREA OF USE

- Bonding in the building and metal industries.
- Elastic bonding of objects, panels, profiles, and other components on common substrates.
- Sealing and bonding applications in the building industry.

TEHNICAL DATA

Fresh adhesive

Base:		hybrid polymer
Appearance:		paste
Curing mechanism:		with air humidity
Specific gravity:		1520 ± 10 kg/m ³
Skin formation time:	23 °C/50 % rel. humid.	ca. 5 min.
Curing time:	23 °C/50 % rel. humid.	2-3 mm/day
Application temperature:		from +5 °C to +35 °C

Cured adhesive

Hardness Shore A:	ISO 868	65±5
Tensile strength:	ISO 37	ca. 3,8 MPa
Elongation at break:	ISO 37	ca. 200%
Temperature resistance:		from -40 °C to +90 °C



INSTRUCTION FOR USE

- Apply the adhesive directly from the cartridge.
- The surfaces to be bonded must be solid, clean, non-greasy and dust-free.
- To improve adhesion to certain surfaces, apply TTK SEAL Silicone & Hybrid primer.

Adhesive bonding procedure:

- Apply the adhesive using a caulking gun in even strips or dots [approximately every 15 cm] on one of the surfaces.
- Always place a dot or strip at corners and along the edges of the panel.
- Avoid applying the adhesive in a continuous loop; use interrupted lines instead.
- Press the substrates together and tap gently with a rubber hammer. Support the bonded parts if necessary.
- On absorbent or porous surfaces with a thin adhesive layer, the bond will be hand-tight in about 20 minutes and fully loadable after roughly 3 hours.
- Thicker adhesive layers or non-absorbent surfaces will increase the curing time.

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.



TKK d.o.o.
Srpenica 1, 5224 Srpenica, Slovenia
+386 5 384 13 00, tkk.si