

FIX 11

UNIVERSAL HIGH INITIAL TACK ADHESIVE

Universal elastic adhesive based on MS polymer with high initial bonding strength and with excellent adhesion on the majority of building materials: concrete, brick, wood, aluminium, iron, stainless steel, copper and various types of plastics. It replaces mechanical fixing and it is ideal solution for bonding of 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 EMI CODE EC 1 PLUS

AREA OF USE

- It is used for gluing of stair-steps, shelves, wooden trims, corner profiles, ceramic tiles, mirrors, and signs.
- To fill cracks.
- For various gluing in the household [in the kitchen, bathroom...].
- For various gluing in construction, automotive industry, mechanical engineering, shipbuilding, in the manufacture of containers ...



TECHNICAL 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% RH:	10 ± 5 min
Curing time 23 °C/50% RH:	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
Module E 100% [ISO 8339]:	1.0 ± 0.3 MPa
Elongation at break [ISO 8339]:	150% ± 50%
Tensile strength [ISO 37]:	2.3 ± 0.3MPa
Elongation at break [ISO 37]:	200 ± 50%
Temperature resistance:	from -40 °C to +90 °C

The values can vary depending on the temperature, humidity and type of bonded substrate.

INSTRUCTIONS 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.
- Tools and fresh mass can be cleaned with alcohol. The hardened mass can be removed mechanically.

PACKAGING

- 300 ml cartridge

STORAGE

15 months in a dry place 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. Safety data sheet available on request. You can also obtain a copy from your TTK sales representative.

WARNING

The information given is based on our tests and practical experience. However, due to specific conditions and working methods we recommend preliminary tests for each case of use.



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