

TEKAFIX MULTI USE

PROPERTIES

- Excellent adhesion to most construction materials - concrete, brick, wood, aluminium, iron, stainless steel, copper and various types of plastic.
- Good output even at low temperatures.
- Does not slump in vertical joints.
- Good adhesion on moist surfaces.
- Excellent mechanical properties; high adhesive strength.
- Environment friendly; solvent-, isocyanate- and silicone-free.
- Totally chemically neutral and odourless.
- It can be painted with most epoxy-, polyurethane- and water-based paints and coatings.
- During hardening a shrinkage of less than 1,5% is observed.
- Resistant to atmospheric effects, UV-light and ageing.
- Does not cause corrosion.
- Chemical resistance:
 - good chemical resistance: water, aliphatic solvents, mineral oils, fats, diluted inorganic acids and bases;
 - poor chemical resistance/not resistant to: aromatic solvents, concentrated acids and chlorinated hydrocarbons.
- Colour: white.

USE

- Efficient solution for various household bonding and sealing applications.
- It replaces mechanical fixation.
- Replaces wood adhesives and other adhesives.
- Replaces silicone and acrylic sealants.
- Suitable for bonding mirrors on various substrates.
- For installing sinks.
- For fixing small-size supports and signs on vertical surfaces.
- For fixing skirting boards on wooden floor.
- For fixing Styrofoam.
- For bonding window sills.
- For fixing ceramic tiles.
- For fixing switches and sockets on concrete, wooden an aluminium substrates.



Tekafix Multiuse

It is a one-component multi-purpose elastic adhesive and sealant based on hybrid MS-polymer. It is suitable for fixing and sealing of various materials.



Replaces
mechanical
fixing



For interior and
exterior use



Flexibility

TECHNICAL DATA

Fresh sealant

Base		hybrid MS-polymer
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		1500±40 kg/m ³
Skin formation time	23°C/50% rel. humid.	20±5 min.
Hardening time	23°C/50% rel. humid.	2–3mm/day
Application temperature		between +5°C and +30°C

Cured sealant

Hardness Shore A	ISO 868	50–55
Change in volume	SIST ISO 10563	<1,5%
Tensile strength	SIST EN 28339	1,20–1,60 MPa
Modul E 100%	SIST EN 28339	>1,0 MPa
Elongation at break	SIST EN 28339	100–200%
Tensile strength	ISO 37–1	2,40–3,30 MPa
Elongation at break	ISO 37–1	200–300%
Temperature resistance		between -40°C to +90°C

APPLICATION

Surface preparation

- The surface must be solid and clean (dust and fat free). Remove all separated and badly attached pieces.

Joint and cartridge preparation

- For good adhesion onto porous substrates use Primer KVZ 16.
- Cut the cartridge at the top and screw on the nozzle, and place it in the gun.
- If you want joints to look nice tape the edges with a masking tape.
- Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint and placed in the gun; apply the product in the joint.
- At the end, use a smoothing tool or a soapy solution soaked finger to level the product.
- Remove the masking tape before the sealant starts to harden.

Bonding

- Apply Tekafix Super MS Transparent using a hand-held gun or a spatula to the side to be bonded.
- When done with applying the adhesive, press both parts against each other to achieve optimal results.
- In case of bonding heavier objects, additional mechanical support is required for at least 24 hours.

Cleaning

- Tools and fresh adhesive can be cleaned with Teka cleaner or alcohol. Hardened product can only be removed mechanically.

Joint depth (mm)	Joint width (mm)			
	6	8	10	12
6	8,3	6,2	5,0	4,2
8		4,7	3,7	3,1
10			3,0	2,5
12				2,1

The table shows how many linear metres of joints we can seal with one 290ml cartridge relative to the width and depth of the joint.

PACKAGING

- 290ml cartridge
 - 60ml tube
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STORAGE

12 months in a dry place at a temperature between 5°C and 25°C in originally closed packaging.

HEALTH, SAFETY HANDLING AND DISPOSAL INFORMATION

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request. You can also ask your TKK distributor for a copy.

WARNING

Instructions contained in this document are based on our research and experience, however, due to specific conditions and working methods we recommend that you perform preliminary tests prior to any application of our products.