

TECHNOBOND



Multiple-purpose glue and sealing cement.



Specifications:

- MS Polymer
- Easy application
- Water resistant
- Excellent resistance to chemicals
- Long lifetime if not open
- Does not contain solvent or isocyanates

Advantages:

- Excellent adhesion with standard materials (rubber, plastic, glass, metal, non-iron metals, etc.)
- Applicable even under water
- Easy to be lacquered right after application
- Environment friendly
- Does not shrink, permanently elastic

Applications:

TECHNOBOND was developed as a universal gluing and sealing agent. Its sealing features are excellent with most materials, including iron, light metals, wood, glass, marble, most of plastic materials, building materials, lacquered surfaces, etc. It is used for industrial purposes, in buildings and constructions, car repair industry, medical care, assembly works, etc. It can be applied also to sensitive materials (e.g. polystyrene). It is also applicable on wet surfaces. It is used for e.g. sealing car bodies and accessories, construction work, mirror fixing (does not cause any harm to reflexive layer), various assembly gluing/packing, duct packing, etc.

Order codes:

Name	Storage code	Package	Volume / Size	Order number
Technobond - Black	RTBB	Cartridge	290 ml	1 34452
Technobond - Grey	RTBG	Cartridge	290 ml	1 34453
Technobond - White	RTBW	Cartridge	290 ml	1 34454
Technobond - Grey 400 ml	RTBG400	Foil	400 ml	1 34450
Technobond - White 400 ml	RTBW400	Foil	400 ml	1 34449

Instructions for use:

1. Before you start any application, clean the surfaces perfectly, or make them rough (if reasonable)
2. Degrease the surface to be coated with the agent. Use the **RETECH CLEAN** (100% cleaning and degreasing agent).
3. Cut off the applicator end to the diameter as required and coat one of the surfaces with the **TECHNOBOND**.
4. Immediately after, put both surfaces together (no longer than within 10 minutes).
5. After that, make sure the surfaces to be fixed together cannot move: depending on the cement thickness, wait for 5 - 50 minutes.
6. After 10 minutes, the cement is not sticky on the surface, so you can cover it with lacquer. The lacquer layer should be applied no later than within 4 hour after the **TECHNOBOND** has been used.
7. **TECHNOBOND** becomes hardened by air humidity: time needed for the hardening process depends on air cement layer thickness, temperature, and air humidity.
8. As for larger surfaces, apply the glue by points only. Big amount of cement would take much more time to become hardened.

ONLY FOR PROFESSIONAL AND INDUSTRIAL USE!

Technical data:

Temperature scope	Permanently: -40 °C through +120 °C; short time +180 °C (20 min)
Specific weight	1.5 g/ml
Hardness: Shore A	Approximately 60
Time for shaping and adjusting surface	10 minutes
Time for definite hardening	Thickness 3mm after 24 hours, at 20 °C and 50% relative humidity
Hardening procedure	By air humidity
Lifetime (if closed)	Cartridge - 18 months / Foil - 12 months
Temperature at application	+5 °C through +35 °C
Shrinking during hardening process	Maximum 3%
Elongation (before destruction)	200%
Tensile strength	3.50 MPa
Shear strength	3.00 MPa
Adhesiveness: Steel	3.44 MPa
Polyurethane	2.47 MPa
Polyethylene	1.34 MPa
Resistance to solvent	Excellent
Resistance to mould	Excellent
Lifetime – material aging	Subjected to measurement on resistance to UV rays. Tested by simulation of various weather conditions for 2000 hours – no changes detected.
Odour	None

Certificates:

ASTM E 162 – Material surface Flammability
 ASTM E 662:2015 - Specific Optical Density of Smoke
 ASTM E 1354:2015a - Heat and Visible Smoke Release Rates
 BSS 7239:1988 - Toxic gas generation

Health and Safety:

Please read our Material Safety Data Sheet.

Declaration:

The information and recommendations in this publication are to the best of our knowledge reliable. However nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purposes. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is to be assumed.

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