TYTAN PROFESSIONAL PU FIX Polyurethane Mounting Adhesive

A fast-setting polyurethane adhesive characterised by excellent adhesion to most substrates and very high bonding strength, high mechanical resistance and good filling properties. After curing, it forms an exceptionally strong bond, resistant to water (water resistance class D4), chemicals and changing weather conditions. Can be used indoors and outdoors. Does not contain solvents.

BENEFITS

- high water resistance (joint achieves water resistance of class D4 according to PN-EN 204 standard)
- high temperature resistance
- high final strength
- gap filling capability- suitable for application on uneven surfaces
- suitable for exterior and interior applications
- thixotropic consistence - does not flow down from vertical surfaces

RECOMMENDED USES

- bonding wood, chipboard an other engineered wood materials
- suitable for bonding stone, gypsum plasterboards, bricks, ceramics and concrete
- bonding of insulation materials (polystyrene, polyurethane foam, mineral wool)

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TECHNICAL DATA

Uncured	Value
Solid Content [%]	99
Density (PN-EN 542) [g/cm^3]	1,47 - 1,57
Open time: 23°C and 50% RH [min]	5 - 7
Base: Polyurethane	+
Flammability	-
Cured	**Value**
Temperature resistance [°C]	-40 - +80
Conditions of application	**Value**
Application temperature [°C]	+15 - +25
Colour	**Value**
Beige	+

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

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Surface preparation

- Bonded surfaces should be free from contaminations, oil and grease.
- At least one surface must be permeable.
- Smooth surfaces should be moisturized with water.

Product preparation

- Cut the nozzle to the required diameter, cut the cartridge outlet and screw the nozzle. Insert the cartridge into the applicator gun.

Application

- Apply the adhesive in strips on one of bonded surfaces
- After application, connect bonded elements and press strongly and evenly.
- Equal pressure, not causing permanent deformation of the bonding area is required.

Works after completion of application

- Tools and any contaminants should be cleaned immediately after completion of work. Cured adhesive can be removed only mechanically.
- DO NOT WASH HANDS WITH SOLVENTS.

Remarks / restriction

- Optimal bonding temperature is 20°C.
- Using the product below +5°C is not recommended.
- Room temperature, adhesive temperature and relative air humidity affect the open time, pressure time and curing time.
- While working at temperatures it is necessary below 20°C, make sure that pressure time is sufficient.
- When working at temperatures above 25°C make sure that open time and time of bonding of elements before pressing has not been exceeded.
- Final strength is achieved after 24 hours.

ADDITIONAL INFORMATION

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

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TRANSPORT / STORAGE

Warranted shelf life is 12 months from the manufacturing date when stored in unopened, original package at temperatures from +5 °C to +30 °C in a dry place protected from freezing and excessive heat.

CATALOGUE DATA

Nominal capacity / volume / size	Colour	Number of pieces per collective package	Index	EAN Code
290 ml	beige	12	10045663	5902120178865

SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request. Disposal considerations: Product remains and empty cartridges must be disposed of in compliance with official, local regulations.

All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.

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