

TYTAN PROFESSIONAL Polyurethane Wood Adhesive D4 PB 350



Fast-setting polyurethane adhesive intended for indoor and outdoor bonding of wood sills and treads, thresholds, skirting boards, wall panels, finishing elements made of the following materials: wood, wood-based (MDF, HDF), coffers. After curing, it forms a durable and flexible joint, resistant in a wide range of temperatures and fully waterproof (class D4 according to EN 204). It is a product with a very wide range of applications in finishing and repair works, construction and industry.



BENEFITS

- high water and temperature resistance, cycle D4 according to standard DIN EN 204/205
- for all types of wood
- bonds quickly
- wide range of application
- creates a durable and flexible joint
- easy to use

RECOMMENDED USES

- Bonding of all types of wood (including exotic wood)
- Bonding of window and door joinery
- Bonding of stairs
- Bonding of wooden garden furniture and bent garden elements +AL171
- Bonding of boat and yacht construction elements
- Bonding sheet metal, polystyrene, insulation materials

TECHNICAL DATA

Uncured	Value
Base: polyurethane resin	+
Solid Content [%]	99
Density (PN-EN 542) [g/cm ³]	1,167 - 1,186
Open time [RH=50%, T=+23°C] [min]	7 - 9

Open time: water mist [min]	5 - 7
Pressure time [T=+20°C] [min]	50 - 60
Flammability	-
Frost resistance	+
Pressure time (bent elements) [min]	70
Tack-free time [RH=50%, T=+23°C] [min]	14 - 18
Full cure time [h]	>=24
Viscosity, Brookfield CAP 2000+, 21°C (during the warranty period viscosity may increase due to the product specifcity) [mPas]	7800 - 11800
Consumption [g/m ²]	120 - 250
Cured	Value
Temperature resistance [°C]	-40 - +100
Conditions of application	Value
Application temperature [°C]	+15 - +25
Colour	Value
Brown	+

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

Surface preparation

- Surfaces must be clean, dry, free of dust, dirt or grease.

Application

- Apply a thin layer of adhesive on one bonded surface using brush, roller or spray.
- 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

- 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 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.

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.

This product can be frozen (3 cycles) up to -18°C but before usage, temperature of the product must be at least on the level of application temperature.

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.