

TECHNICAL DATA SHEET

PU Nail



Construction Adhesive

Promast PU Nail is a permanent bonding adhesive where porous and non porous building materials needed to adhere to each other.

TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	Paste
■ Curing system	Moisture Curing (Air Humidity)
■ Density	1,26 gr/ml
■ Open time (20°C)	Ca. 20 mins.
■ Clamping time	60 - 90 mins.
■ Water and humidity resistance	D4
■ Application temperature	5°C to +30°C
■ Operating temperature	-40°C to +80°C

APPLICATIONS AREAS

- Bonding wood window panes and door frames.
- Steel door installations.
- Staircase installations.
- Furniture making and repairing.
- Marine industry.
- Bonding material on wet and humid areas.
- Decoration materials fixing.

SPECIFICATIONS

- High-resistant to moist and water.
- Water resistant - D4 class according to DIN EN 204.
- High-resistance to chemicals.
- Indoor and outdoor usage.
- Fills the gaps on surfaces while bonding.
- Can be sandpapered and painted over.
- It has high heat endurance compared to alterenative mounting adhesives.
- Can be easily applied on vertical surfaces.
- Adheres to concrete, wood, ceramic tiles, polystyrene panels very strong.

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REMARKS

- It should be stored in its own package, away from direct sunlight, at a cool place.
- After application, the adhesive may be wiped off with an appropriate solvent. Dried adhesive can only be taken off mechanically and very difficultly.
- Should not be used in adhering mirrors.
- On temperatures below +10°C, the viscosity of the adhesive on the cartridge will lessen, thus the drying period speed will slow.
- It may take 2 to 3 days for the adhesive to reach its maximum strength.

SAFETY INFORMATION

It contains isocyanate. If inhaled for long periods, it may cause sensitivity to respiratory organs. If the wet foam contacts the skin for long periods, it may cause local rash and sensitivity on the skin. For this reason, the environment should be well-ventilated during the application, contact with the skin should be avoided and protective gloves and safety goggles should be worn while working. Completely dried out PU adhesives do not carry risks to human health or to the environment.

SURFACE PREPERATION

Bonding surfaces must be clean and not contain oil, dirt, or lose parts. In addition, it must be made moist with water of ratio roughly 5% of adhesive quantity for surfaces that especially don't contain any moisture or they are moist-proof.

APPLICATION METHOD

- It should be slightly wet, Humidity-resistant nonporous, or dry surfaces before the application.
- The adhesive should be applied to one surface only as a thin film.
- Depending on the humidity content, you should press adhered pieces for about 60-90 minutes.

PACKAGING (Volume)

310ml aluminium cartridge
310 ml plastic cartridge (420gr)
(box of 25 pieces)

SHELF LIFE

It should be stored in its closed package in a cool and dry environment between 5°C-25°C. When these conditions are met, it has a shelf life of 15 months from the date of production. The date of manufacture is indicated on the bottle.

COLOR

Light Brown



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