

TECHNICAL DATA SHEET

Express



Express Transparent Wood Adhesive

Promast Express is a rapid-curing, liquid and transparent polyurethane adhesive which shortens the clamping time to half.

TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	High viscous fluid
■ Curing system	Moisture Curing (Air Humidity)
■ Density	1,10 gr/ml
■ Open time (20°C)	10-15 mins.
■ Clamping Time	2 hours
■ Water and humidity resistance	D4
■ Viscosity (20°C)	3.000-4.000 cps
■ Application temperature	10°C to +30°C
■ Operating temperature	-15°C to +100°C

APPLICATIONS AREAS

- Suitable for wood construction materials and their repair work.
- Manufacturing and fixing wood door frames and window sills.
- Yacht and boat construction.

SPECIFICATIONS

- Very short open-time and clamping time.
- Strong adhesion on wood, concrete, bricks, metal and glass.
- Meets D4 specs according to DIN EN 204.
- Low viscosity.
- Odourless curing .
- Gap filling capability.
- Resistant to water, humidity and warm environments.
- Light yellow and transparent appearance.

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REMARKS

- Since the product has a minimal open time, pieces bonded to each should be arranged quickly and pressed immediately.
- Since the adhesive will grow, it should only be applied a necessary amount.
- For maximum shelf life, the air inside the adhesive should be emptied by turning it upside down.
- The newly applied adhesive can be cleaned either by Promaster Foam Cleanser or with a solvent such as acetone.

SAFETY INFORMATION

It contains diphenylmethane -4, 4 diisocyanates. 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

- Should not be applied in temperatures below 5°C.
- At shallow temperatures, the adhesive should be left at room temperature for a while before application.
- Adhered surfaces should be clean and free from grease and dust.
- The adhesive should be applied only to one of the surfaces as a thin layer.
- On extremely absorbent surfaces, you can apply it to both surfaces.
- Adhesive will reach the waterproof stage after 24 hours.

PACKAGING (Volume)

Gross Weight 750gr (box of 12 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

Transparent Light Yellow



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