

TECHNICAL DATA SHEET

Adwood



PU Wood Adhesive

Promast Adwood is a polyurethane based, water-proof liquid wood adhesive with very strong bonding capabilities.

TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	High viscous fluid
■ Curing system	Moisture Curing (Air Humidity)
■ Density	1,10 gr/ml
■ Open time (20°C)	Ca. 40 mins.
■ Clamping Time	4 hours
■ Water and humidity resistance	D4
■ Viscosity (20°C)	6.000-8.000 cps
■ Application temperature	10°C to +30°C
■ Operating temperature	-15°C to +100°C

APPLICATIONS AREAS

- Adhering almost all types of wood surfaces with each other; metals; some type of plastics, stones, bricks and concrete.
- Adhering wood construction materials and their repairs.
- Manufacturing furniture and their repairs.
- Yacht and boat construction industry.

SPECIFICATIONS

- Meets D4 specs according to DIN EN 204.
- High water and moisture resistancy.
- Easy to apply.
- Can be sanpapered or trimmed after 2 hours.
- Limited expansion.
- Stong adherence for wood to wood and wood to other materials applications.
- Paintable.
- Solvent free.

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REMARKS

- It may take almost a day for the adhesive to fully dry out, during which time the parts should be carried around carefully.
- The newly applied adhesive can be cleaned either by Promast Foam Cleanser.
- It does not adhere to plastics such as PE, PP, nylon, and Teflon
- For a strong adhesion, at least one of the surfaces should be porous.
- The package is filled under nitrogen after the application makes sure there is no air left inside by turning it upside.

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

- Adhered surfaces should be clean and free from grease and dust.
- Especially when adhering surfaces that do not contain or do not emit humidity, the surfaces are recommended to be dampened approximately 5% water compared to the amount of adhesive used.
- The adhesive should be applied as a thin layer only to one of the surfaces which will be adhered to.
- Surfaces should be put together and pressed before the open time of the product expires.

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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