

# TECHNICAL DATA SHEET

## CLEAR BOND



### Liquid Nail

Promast Clear-Bond is a fast curing PU montage adhesive with water and humidity resistant.

### TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	Paste
■ Curing system	Moisture Curing (Air Humidity)
■ Density	1,15 gr/ml
■ Open time (20°C)	Ca. 10 mins.
■ Clamping Time	Ca. 30 mins.
■ Water and humidity resistance	D4
■ Application temperature	5°C to +30°C
■ Operating temperature	-40°C to +80°C

### APPLICATIONS AREAS

- Wood furniture production.
- Boat and yacht production.
- Wooden door and window production and assembly.
- Bonding concrete, most metals, glass, rockwool, wood, tile and stone elements.
- Water resistant - D4 class according to DIN EN 204.

### SPECIFICATIONS

- Short pressing time.
- Fast curing.
- Water resistant
- Transparent.
- Easy to apply.

### SAFETY INFORMATION

May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer. Avoid breathing dust / fume / gas / mist / vapours / spray. Wear protective gloves / protective clothing / eye protection / face protection / hearing protection. In case of inadequate ventilation wear respiratory protection. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If skin irritation or rash occurs: Get medical advice / attention. If experiencing respiratory symptoms: Call a POISON CENTER / doctor.

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### REMARKS

- Since the open-time of the adhesive is very short clamping of the elements must be completed rapidly.
- When hardened, the color of the adhesive turns white.
- The adhesive must be spread on the substrates and applied as a thin layer.
- In applications below 10°C curing time will be prolonged.
- Full cure can take up to 12 hours.
- Dry substrates must be humidified with a wet cloth.

### 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 not be applied in temperatures below 5°C.
- Bonding substrates should be free of oil, dust, dirt, and loose particles.
- The adhesive should be applied as a thin layer in one of the bonding substrates.
- Non-porous and dry bonding substrates should be humidified with a wet cloth.

### PACKAGING

310 ml cartridge x 25 pieces

290 ml cartridge x 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



Opaque

Transparent



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