

TECHNICAL DATA SHEET

Heavy-Duty



Polyurethane Adhesive

Promast Heavy-Duty is an ultra strong PU adhesive reinforced with chopped glass fiber which can be used for materials work under heavy load after bonding.

TECHNICAL DATA

■ Basis	Polyurethane
■ Consistency	Paste
■ Curing system	Moisture Curing (Air Humidity)
■ Density	1,16 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

- Sealing and bonding of the most common substrates which will work under heavy load.
- Bonding staircase / Bonding wood floors.

SPECIFICATIONS

- Very fast-curing.
- Water resistant - D4 class according to DIN EN 204.
- High performance in extreme weather and temperature conditions.
- Resistant to chemicals and water.
- Does not sag on vertical applications.
- Transparent.

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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 (Volume)

310ml aluminium cartridge (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

White



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