

TECHNICAL DATA SHEET

Eco Marine



Marine Glue

Eco Marine is an economic choice who need strong and water resistant bonding for wood to wood or wood to different materials.

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

- Wood to wood applications.
- Wood to metal, some plastics, stone, bicks, concrete applications.
- Furniture mounting or repairing.
- Yacht or boat constructions.

SPECIFICATIONS

- D4 according to DIN EN 204.
- Water and moisture resistant.
- Fast curing.
- Easy to apply.
- Can be sanpapered or trimmed after 2 hours.
- Limited expansion.
- Strong adherence to surfaces.

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REMARKS

- Cleaning the application surfaces from dirt, dust, and oil will improve the adhesion performance
- Bonding materials must be pressed for a minimum of two hours.
- Curing time will be retarded in temperatures below +5°C
- Full cure can take up to 1 day. During this period, bonding parts must be handled with care.
- It does not bond plastics as PE, PP, nylon, or Teflon.

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

- Applications performed below 5°C will not yield high enough performance in adhering.
- Surfaces must be brought together and pressed without exceeding the open time. Adhered surfaces should be clean and free from grease and dust.
- Especially when adhering to surfaces that do not contain or do not emit humidity, the surfaces are recommended to be dampened by approximately 5% water compared to the amount of adhesive used.
- Clamping is an average of 4 hours a room temperature.
- Surfaces should be put together and pressed before the open time of the product expires.

PACKAGING (Volume)

Gross Weight 500gr (box of 20 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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