

MARINE ADHESIVE

1 – DESCRIPTION

Marine Adhesive is a one-component polyurethane wood adhesive. It cures with moisture in the air and in the wood.

2 – PROPERTIES

- Easy application, low viscosity
- Excellent bond strength
- Fast drying
- Water resistant (D4-DIN EN204)
- Can be used on slightly humid surfaces
- Resistant to temperature extremes
- Resistant to moisture and chemicals

3 - APPLICATIONS

- Fixing and gluing wooden elements to other various porous and non-porous elements as wood, metal, concrete, polystyrene foam and other plastics.
- Furniture and boat production.
- All bonding applications that need a high water resistance.

4 - INSTRUCTIONS

Do not use at temperatures below +5 °C. The elements to be bonded must be properly clean and free from dust and grease. One of the substrates must be porous to ensure better curing. Apply the adhesive with a brush as thin film to one or both surfaces and join the parts within 15 minutes (minimum after 2 minutes). Press the elements together at least for 2 hours. Uncured adhesive can be cleaned by acetone.

5- PACKAGING

Product	Volume	Package
Marine Adhesive	600 gr	12
Marine Adhesive	GW.560 gr	12
Marine Adhesive	100ml	30

6- STORAGE AND SHELF LIFE

12 months in unopened cartridge if stored under dry and cool conditions.

7- RESTRICTIONS

- Because this adhesive cures by atmospheric moisture, the shelf life is limited once the bottle is opened. The bottles must be kept tightly closed after use.
- Storage above +35 °C and below -10 °C may shorten the shelf-life.
- Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.

8- SAFETY

Harmful. Contains Diphenylmethane-4,4'-Diisocyanate. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Do not breathe spray/vapour. Wear suitable protective clothing and gloves. Use only in well-ventilated areas. Keep out of the reach of children.

9- TECHNICAL PROPERTIES

Basis	: Polyurethane prepolymer		
Color	: Light brown		
Curing system	: Moisture curing		
Density	: 1,10 g/ml ± 0,01	(ASTM D1875)	
Viscosity	: 20 °C 5000-10000 cp	cps at 20°C (Spindle No 4, 12 rpm)	
Temperature resistance	:-30 °C to +100 °C		
Tack-Free time	: 50 ± 5 min (23 °C and 50% R.H.)	(ASTM C679)	
Consumption	: Approx. 150 ml/m ²		
Compression time	: Min. 2 hours*		
Water resistant	: None	(D4-DIN EN204)	
Application Temperature	: +5 °C to +35 °C		

* Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.