FINAL MARINE ADHESIVE

One-part polyurethane that chemically reacts with moisture to deliver strong, flexible bonds.

PROPERTIES

- Tough/flexible polyurethane polymer.
- Non-shrinking.
- One-part moisture cure.
- Long working time.

APPLICATION AREAS

Typical bonding and sealing applications include:

- Fiberglass deck to fiberglass hull.
- Wood to fiberglass.
- Porthole frames.
- Deck fittings.
- Moldings.
- Trunk joints.
- Between struts and planking.
- Stern joints and hull planking.

STRUCTURAL BONDING AND SEALING OF:

- Wood.
- Fiberglass.
- Gelcoat.
- Primed metal.

SEALING OF:

- Some plastics (test before assembly).
- Glass.
- Metals.

SURFACE PREPARATION

There are waxes, coatings, sealants, grease, oil and other contaminants used in the marine industry, making it very important to clean all surfaces to be bonded before applying Final Marine Adhesive/ Sealant.

COLORS

Amber Honey

PACKAGING OPTIONS

500gr tupe / 12 box

STORAGE AND SHELF LIFE

Recommended Storage Temperature Range: 60°F (16°C) to 80°F (26°C).

Expected Shelf Life at Recommended Storage Temperature: 24 Months.

WARNING

- Alcohol should not be used in preparation for bonding as it will stop the curing process, causing the adhesive to fail.
- Heat resistance - Due to the decreased value in bond strength at elevated temperatures, we do not recommend use of this product above 190°F (88°C.
- Do not apply at temperatures below 40°F (4°C) or on frost covered surfaces. Do not apply at surface temperatures above 100°F (38°C).

PROPERTIES

Basis	Polyurethane
Density lbs./Gallon (Approx.)	: 1.36 g/ml
Solids Content (Approx.)	: 97%
Service Temperature - °F	: -40°F (-40°C) to 190°F (88°C)
Shore A Hardness (cured)	: 68
Specific Gravity	: 24 hours
Coverage (10 oz.)	: 1/8-inch (0.3175 cm) bead = 120 lineal feet (36.6 m)

OVERLAP SHEAR STRENGTH

One-inch (2.54 cm) overlaps specimens (0.093 inch (0.2362 cm thickness). Samples cured at 70°F (21°C), 50% Relative Humidity.

Substrate	psi	kg/cm2
Wood(s):		
Teak	502	35.3
Pine	680	47.8
Oak	549	38.6
Maple	656	46.1
Fir	700	49.2
Mahogany	564	39.7
Metal(s):		
Steel	538	37.8
Stainless Steel	352	24.7
Aluminum	393	27.6
Brass	474	33.3
Bronze	252	17.7
Copper	198	13.9
Lead	107	7.5
Zinc (Galvanized)	484	34.0
Plastics/Polymers:		
Fiberglass	362	25.5
Gelcoat	519	36.5
Polycarbonate	381	26.8
Acrylic	217	15.3
Nylon	175	12.3
ABS	231	16.2
Polypropylene	55	3.9
Polyethylene	48	3.4