

TRADITIONAL MARINE EPOXY



Available in Pint, Quart, 1, 4, 5, 27 and 55 Gallon containers.

PRODUCT INFORMATION:

Our Traditional Marine Epoxy system is available for use with three hardeners of varying work life/gel time. These wood laminating systems are well suited for sealing wood surfaces, bonding applications, general marine construction/repair and the cold molding process for fabricating wood and fiberglass structures. This system has been used on the outer banks of the Carolinas for over 15 years.



APPLICATIONS:

MAS Traditional Marine Epoxy system is ideal for:

- Gluing
- Cold Molding
- Structural Repairs
- Fiberglass Wet Out
- Barrier Coatings
- Laminating
- Bonding Applications

Traditional Marine Epoxy

This system has been used on sport fishing boats on the outer banks of the Carolinas for over 15 years.



Traditional Marine Epoxy Resin

Our Traditional Marine Resin has been used on the outer banks of the Carolina's for over 15 years during the cold molding process on sport fishing boats. This system is specifically formulated for bonding and coating wood. Our Marine Resin offers excellent thin-film flow and self leveling traits.

520 Marine Epoxy Slow Hardener

520/Slow Marine Hardener is ideal for sealing wood surfaces, bonding applications, marine construction and repair and cold molding for fabricating wood and fiberglass structures. 5 to 1 mix ratio.

***20 minute pot life
1.5 hour working time at 70°F***

510 Marine Epoxy Fast Hardener

Our Fast Marine Hardener is ideal for sealing wood surfaces, bonding applications, marine construction/repair and the cold molding process for fabricating wood and fiberglass structures. 5 to 1 mix ratio.

***12 minute pot life
1 hour working time at 70°F***

320 Marine Epoxy Clear Hardener

When used with the Traditional Marine Resin, our Clear Marine Hardener is a non-blushing, low viscosity, low odor epoxy coating system that may be used for a wide variety of applications. It has a simple 3 to 1 mix ratio by volume, easily wets out fiberglass fabric and requires no messy wash downs.

***26 minute pot life
2 hour working time at 70°F***

PHYSICAL PROPERTIES	Fast	Slow
Color	Amber	Amber
Tensile Strength, psi	8,000	7,500
Tensile Modulus, psi	410,000	460,000
Tensile Elongation, %	3.5	4.5
Compressive Strength, psi	11,500	11,500
Flexural Strength, psi	14,000	12,000
Flexural Modulus, psi	460,000	450,000
Heat Deflection Temperature F°	120	125
Cured Density, g/cm ³	1.18	1.18
Volumetric Yield, in ³ /lb	23.5	23.5
Volumetric Shrinkage, %	3.6	4.2
Hardness, Shore D	83	82

HANDLING PROPERTIES	Fast	Slow	Clear
Mix Ratio by Weight	100A : 18B	100A : 18B	100A : 30B
Mix Ratio by Volume	5A : 1B	5A : 1B	3A:1B
Mixed Viscosity at 75° F	1,000	700	570
Pot Life at 75°F, 150 grams, min	12	20	26
Work Life at 75°F, Thin Film, min	60	90	120
Cure Time at 75°F, Thin Film, min	6	10	15