

TotalBoat Crystal Clear Epoxy Kit -- Tech Data Sheet

DESCRIPTION:

These convenient, project-ready kits contain our TotalBoat Traditional Epoxy Resin, TotalBoat Crystal Clear Hardener, plus handy items for measuring and mixing, including wooden stir sticks and plastic mixing pots.

GENERAL APPLICATION:

- 1 The ratio for dispensing the resin and hardener is 3:1 by volume (3 parts of RESIN to 1 part of HARDENER), or 100:27 when dispensed by weight (100 parts of RESIN to 27 parts of HARDENER).
- 2 Dispense and mix ONLY the amount of material that can be used within 20 minutes (@ 75°F), then stir thoroughly for 2 minutes before applying.

KIT INCLUDES:

- * TotalBoat Traditional Epoxy Resin
- * TotalBoat Crystal Clear Epoxy Hardener
- * 2 x PS1PP Plastic Mixing Pots - 1 Quart
- * 2 x PSP10 Wooden Mixing Sticks

KIT DATA:

Components:	2 - TotalBoat Traditional Resin and TotalBoat Crystal Clear Hardener
Units:	Size A = Quart of Resin and 10 oz. Hardener, Size B = Gallon of Resin and 42.3 oz. Hardener
Mix Ratio (By Volume):	3:1 (3 parts resin to 1 part hardener)
Mix Ratio (By Weight):	100:27 (100 parts resin to 27 parts hardener)
Application Temperature/RH:	60-105°F, 0-90%
Storage:	Store at 60-90°F in a dry place. Store products on a raised surface off the floor during cold weather and avoid storing near outside walls or doors. Epoxy resins that are contaminated with dust or moisture, or are subjected to low temperatures may crystallize.
UV Stable:	Yes - Additional UV protection is highly recommended for extended UV exposure.

PHYSICAL DATA:

Color/Finish:	Clear, Gloss
Pot Life @ 75°F:	20 minutes
Set Time @ 75°F (Thin Film):	10-15 hours
Full Cure Time @ 75°F (Thin Film):	3-4 days
Tensile Strength:	9500 psi
Flexural Strength:	14,800 psi
Shore Hardness:	88
Tensile Elongation:	7.80%
Compressive Strength:	12,000 psi

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