

TotalBoat Crystal Clear Epoxy Kit – Tech Data Sheet

DESCRIPTION:

	These convenient, project-ready kits contain our TotalBoat Epoxy Resin, TotalBoat Crystal Clear Hardener, plus handy items for measuring and mixing: pumps, powder-free gloves, wooden stir sticks, and plastic mixing pots. The epoxy resin and hardener pumps are calibrated to the proper ratio of one pump of TotalBoat traditional epoxy resin to one pump of TotalBoat Crystal Clear Hardener.
SETUP AND PRIMING:	
1:	Remove the cap and safety seal from the TotalBoat Traditional Epoxy Resin container. SIZE A KIT (QUART): Do not insert the clear extension tube into the white pump. SIZE B KIT (GALLON): Insert the clear extension tube into the base of the white pump. Screw the white pump tightly onto the resin container.
2:	Remove the cap and safety seal from the TotalBoat Crystal Clear Epoxy Hardener container. Screw the black pump head tightly onto the hardener container.
3:	Prime each pump over a safe location. Before mixing any epoxy, push down and release the head of each pump several times until you get a steady stream of liquid, without any air pockets.
GENERAL APPLICATION:	
1:	These pumps are pre-calibrated to work properly with each other. The mix ratio is ONE PUMP OF RESIN to ONE PUMP 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
* Epoxy Resin Pump - White
* Epoxy Hardener Pump - Black, 3:1 sticker is on the top of the pump
* 2 x PS1PP Plastic Mixing Pots - 1 Quart
* 1 Pair of Gloves
* 2 x PSP10 Wooden Mixing Sticks

KIT DATA:

Dispensing Method:	Pumps
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
Pumps:	Resin - White Crystal Clear Hardener - Black with 3:1 sticker on top
Mix Ratio (using included pumps):	1:1 (One pump of Resin and one pump of 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.

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:	7.8%
Compressive Strength:	12,000 psi
UV Stable:	Yes - Additional UV protection is highly recommended for extended UV exposure.