

TotalBoat Polyester Fairing Compound – Tech Data Sheet

SUPPORT PRODUCTS:

Cleaner/Prep: Acetone

Cleanup: Before cured, clean up with acetone. Once cured, it must be removed mechanically.

SURFACE PREPARATION:

1. Remove all dirt, dust, grease, oil, wax, or amine blush from the surface.
2. For fine fairing applications such as small scratches or small cavities less than 1/8", sand the substrate with 100-180 grit sandpaper
3. Use an air hose to remove all sanding residue.
4. For larger areas and deeper crevices more than 1/8" deep, sand the area with 60-80 grit sandpaper and remove all sanding residue.
5. Wipe away any remaining residue and contaminants with a clean, lint-free, cotton rag wetted with acetone.

APPLICATION:

APPLICATION CONDITIONS: Application temperature range is 60-90°F and 0-90% RH.

DO NOT apply when rain, dew, or other contaminants may be present or affect the cure.

APPLICATION:

1. 1-2% MEKP catalyst (included) must be added for a proper cure.
2. @ 77°F, adding 14-16 drops of MEKP to one ounce of TotalBoat Polyester Fairing Compound will provide a working time of 10-15 minutes, with a cure time of roughly 20-30 minutes.
3. Keeping catalyzed material in a larger mass will shorten the working time. The cure is an exothermic reaction and will create heat.
4. Once cured, Polyester Fairing Compound can be sanded.
5. For UV protection, TotalBoat Polyester Fairing Compound must be finished with gelcoat, or primed and painted.
6. For underwater applications where Polyester Fairing Compound may be exposed to water, always barrier coat with TotalBoat TotalProtect to prevent water intrusion.

APPLICATION DATA:

Material Consistency: Smooth, Putty

Application Method: Spreader/Trowel

Working Time: Dependent on temperature, catalyst amount, and mass of Polyester Fairing Compound
**10-15 minutes (100g mass catalyzed with 1% MEKP @ 77°F)

Cure Time: Dependent on temperature, catalyst amount, and mass of Polyester Fairing Compound
**20-30 minutes (100g mass catalyzed with 1% MEKP @ 77°F)

Application Temperature: 50-95°F, 0-90% RH

Cleanup: Acetone. Once cured it, must be removed mechanically.

Peak Exotherm: 265-295°F

PHYSICAL DATA:

Components: Two - Resin and Catalyst

Flash Point: < 100°F

Units: Quart, Gallon

Weight Per Gallon: 5.6-6.2 lbs.

VOC Content: 30-34%

Color/Tone: Off White

Viscosity: 500,000-620,000 cps

Storage: Cool, dry, well-ventilated area away from oxidizing materials. Keep container closed tightly.

Smell/Scent: Styrene

Shelf Life/Stability: 3-4 months (can be longer, depending on storage conditions)

DATE: March 7, 2018

