



“Boats You Can Depend On!”

TRADITIONAL GREY WITH BLACK SPLATTER GEL COAT COCKPIT FLOOR RESURFACING PROCEDURE

Surface Preparation

- 1) Inspect the floor for hairline cracks in the gray gel coat, noting the location of each crack.
- 2) Sand/grind the entire floor with 36 grit abrasive disc (or more aggressive), removing the gray gel coat and exposing the fiberglass laminate.
- 3) Re-inspect the floor, focusing on the crack locations to make certain that the cracking was in the gel coat only and not in the fiberglass laminate.

If cracks are visible in the fiberglass floor laminate

- 4) Grind each of the cracked areas until the crack is no longer visible or you have reached the plywood sub-floor, making certain to maintain a minimum 6:1 taper for the grind.
- 5) If the crack is eliminated before reaching the 24oz Woven Roving, then proceed to patch the ground areas with (2) 1.5oz mats; or, at your option, apply (1) 1.5oz mat to the crack area and (1) 1.5oz mat over the entire floor surface. Either option is acceptable.
- 6) If the crack is eliminated after reaching the 24oz Woven Roving or the grind reaches the plywood, then patch each of the cracked areas with a 1.5oz mat / 24oz Woven Roving / 1.5oz mat laminate sequence; or, at your option, apply this same laminate combination to the entire floor area where cracking was evident.

If no cracks are visible in the fiberglass floor laminate

- 7) Proceed to step 8.

Gel Coat Application (requires at least 65°F ambient temperature)

- 8) Decide whether you plan to re-finish with Maritime interior gel coat or whether you plan to use a retail non-skid epoxy product. For the retail product, follow the manufacturer's instructions. For the Maritime interior gel coat, proceed to Step 9.
- 9) Clean the surface of all dust and debris, making certain that it has been sanded within the last 4-hours and that the surface has not been contaminated with water, oil, or other foreign materials. Either spray or roll the interior gel coat onto the surface. If sprayed, the first coat should be roughly 10-15 mils thick where as if rolled it should be 7-10 mils thick. Best results from a roller will be achieved with a 3/16" nap. Make certain that the roller DOES NOT have a paper core since the paper creates a potential fire hazard when the gel coat cures on the roller cover.

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- 10) Apply a second coat of gel coat... 10-15 mils thick if sprayed or 7-10 mils thick if rolled. Make certain to apply within a few hours of when the preceding coat has cured/dried to the touch (though that first coat may remain tacky just not wet).
- 11) Apply a third coat of gel coat only if you are applying by roller... again 7-10 mils thick.
- 12) Overall cure thickness of the interior gel coat should be 18-22 mils (Note: The cured thickness will be thinner than the wet thickness when the gel coat was applied.)
- 13) If a Maritime splatter interior finish is desired, prepare a test area (rolled construction paper, scrap plywood or the like) and set-up an HVLP paint gun with a 1.7-1.9 tip.
- 14) Thin the interior charcoal gray splatter gel coat with Ferro Patch Booster or CCP PatchAid and then catalyze.
- 15) Adjust the gun pressure to the lowest possible setting so that the gel coat WILL NOT spray from the tip and then gradually increase the pressure until the desire pattern is achieved, usually around 5-10 psi depending on the equipment.
- 16) Once the desire pattern is achieved, apply the splatter to the interior gray gel coat within 4-hours of applying the last coat.
- 17) Allow the interior to cure for 24-hours at a minimum ambient temperature of 65°F.

NOTE: Be sure not to apply gel coat or fiberglass laminate to a surface that has not been properly prepared (see above). Applying gel coat or fiberglass to an unprepared or improperly prepared surface will result in the material peeling or flaking.

This procedure is not to be used for Maritimes with a new 100% composite, solid color non-skid deck.