

POCOCK Boat Repair Cheat Sheet

SAFETY GEAR

Latex Gloves | Eye Protection | Dust Mask | Work clothes

PREP STEPS

- Set yourself up in a dry, clean and warm environment.
- Stabilize hull in sturdy slings, strapped down
- Remove damaged material with **chisel / box cutter**
- Clean the area with a **clean rag** and **acetone**
- Scuff the bonding area with **80 grit sandpaper** and a **sanding block**
- Back the hole with **masking tape** if necessary

FILL STEPS

- Paper cup, tongue depressor** to mix
- One pump **West Systems Epoxy Resin 105**
- One Pump **West Systems Fast Hardener 205 / Slow Hardener 206**
- Add **West System 403 Microfiber** filler to achieve creamy peanut butter consistency
- Fill void and leave proud
- For more structural support, cut a piece of **fiberglass** or **carbon fiber** to fit over repair. Wet out with a **paintbrush** and **WS Epoxy Resin and Hardener**. If fiberglass or carbon fiber is needed, leave fill slightly depressed, so glass/fiber does not get sanded away
- Cure 6-8 hours @ +/- 60-70 degrees
- Sand with **220 grit sandpaper** and a **sanding block**
- Use **Bondo** (mix filler and hardener) to fill low spots. Apply thin and even layers with a clean **putty knife** or similar spreader
- Cure 15-30 minutes
- Sand with **600-800 grit wet sandpaper** and a sanding block
- Repeat as necessary

FINISH STEPS

- Clean surface with **acetone** and allow to dry
- Evenly spray with fresh **spray paint**
- Cure 12+ hours @ 60-70 degrees
- Wet sand with **1200 grit wet sandpaper** using cross-hatching until surface is smooth to the touch
- Buff with **3M Marine Compound** (Buffer @ 1500 RPM or less)
- Polish with **3M Imperial Compound Finishing Material**