

Design 155 – Basic Plywood & Epoxy Quantities

Adhesive Fillers

- #403 Microfibers Bonding: For all normal thickened resin bonding applications. You will probably need 1 #403-28 tub (575g - 20 oz each)
- #404 High Density Filler Bonding: For bonding the hull skin to the chines and backbone in particular. You will probably need 1 #404-45 tub (1220g - 43 oz). Filler
- #405 Filleting Blend For fillet joints (eg: Frames to hull). You will probably need 2 tubs (225g - 8 oz each).
- #406 Colloidal Silica For mixing with #403 for extra strength and #405 for extra smoothness; and can be used alone with the resin/hardener mix for special strength bonds (eg: fittings). You will probably need a #406-7 tub (160g - 5.5 oz).

Fairing Fillers

- #407 Low Density
#410 Microlight The need for these will depend on how fair/accurate your hull is and what level of finish you are aiming for. You will probably need a small quantity in any case. #410 is good for large areas and is easier to sand but not suitable under dark colours. With CNC cut parts, accuracy should be excellent, so only minimal amounts of fairing should be necessary. Leave buying until you can see what you need.

Additives

- #423 Graphite Coating: Inside the centrecase; the centreboard and the rudder board. Only available in a 340g (12 oz) can which is probably more than you will need.

Equipment

- #300 Mini Pumps Order the right pumps for the resin/hardener packs: B-pumps for B-packs; C-pumps for C-packs. These give the correct 5:1 Resin:Hardener mix and really are a necessity.
- #800 Roller Covers Necessary for coating and wetting out large areas.
- Other Items Mixing pots, stirrers, glue brushes etc can be obtained from most any hardware store – but WEST do supply them also.