**Equipment**

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| **Name** | **Supplier** |
| Acetone | IC |
| Cotton Buds | RAL |
| Melinex tape | RAL |
| Paintbrush | RAL |
| Mixing pot | RAL |
| Mixing Spatula | RAL |
| Gloves | IC |
| Wipes | IC |
| CPR600 Resin | RAL |
| ANC506 Hardener | RAL |
| Spreader | RAL |
| Dispensing gun | IC |
| Dispensing gun nozzle | IC |
| CPR600 Resin (with carbon black pigment) | RAL |

**Material Safety Data Sheets**

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| --- | --- |
| CPR600 (SER 300) | Pdf Attached |
| Araldite 2011 | Pdf Attached |
| ANC506 Hardener | Pdf Attached |

**Method**

1. Glue scintillating fibre (or clear fibre) to frames (or connector) - *Location – IC*
   1. Clean frames with acetone.
   2. Place release film on jig.
   3. Fix frames (or connector) to jig and wind fibres.
   4. Place melinex tape over fibres to hold them still.
   5. Mix 2/3 CPR600 and 1/3 ANC506 in a mixing pot (Required: spatula, gloves, wipes, extraction).
   6. Apply resin mixture to fibres using paintbrush.
   7. Room cure for 24 hours (or heat to 40-50° to speed up cure).
   8. Repeat on underside of jig.
2. Apply araldite - *Location – IC*
   1. Once resin is cured use araldite 2011 cartridge with dispensing gun and nozzle.
   2. Build up layers of araldite to help with polishing stages.
3. Potting – *Location - RAL*
   1. Transport assembled stations to RAL.
   2. Pott frames using CPR600.  
        
      Note: Need to check light proofing requirements of room.