



Round Shield Construction

Materials needed:

- ❖ 12 mm thick Meranti planks
- ❖ 32 mm Dowel, used as back supports and handle
- ❖ 30 mm Nails
- ❖ Aquadere
- ❖ Canvas or similar material
- ❖ 12 mm wide Aluminium strips
- ❖ Boss
- ❖ 75 mm Nails
- ❖ Leather strips
- ❖ Sinew thread

Tools needed:

- ❖ Pen and String
- ❖ Hand Saw/ Circular Saw
- ❖ Drill and *lots* of drill bits
- ❖ Jigsaw
- ❖ Angle Grinder
- ❖ Ball Peen Hammer
- ❖ Sewing equipment

What to do:

- ❖ Glue planks together, allow 24-48 hours to dry
- ❖ Mark out size of circle using string
- ❖ Measure size needed for back supports
- ❖ Cut back supports and handle to size and cut where necessary
- ❖ Pre drill holes for back supports to go in
- ❖ Glue and then nail in supports to the planks
- ❖ Cut out the hole for the boss
- ❖ Pre drill holes for the handle to go in

- ❖ Glue and then nail the handle in
- ❖ Cut out the circle shape
- ❖ Glue on canvas, allow 24-48 hours to dry per layer
- ❖ Pre drill holes in aluminium strip/s
- ❖ Pre drill holes in edges while nailing on aluminium strips
- ❖ Pre drill holes in boss
- ❖ Pre drill holes in shield for boss to be attached
- ❖ Nail boss in
- ❖ Angle grind all nails sticking out, one at a time
- ❖ After grinding nails, bash the left over with ball peen hammer on hard, solid, metal surface
- ❖ Pre drill holes for leather to be attached
- ❖ Wet leather and put on edges, sew using sinew as you go along
- ❖ Paint however you wish, preferably with period style paint