



THE KIT CONTAINS

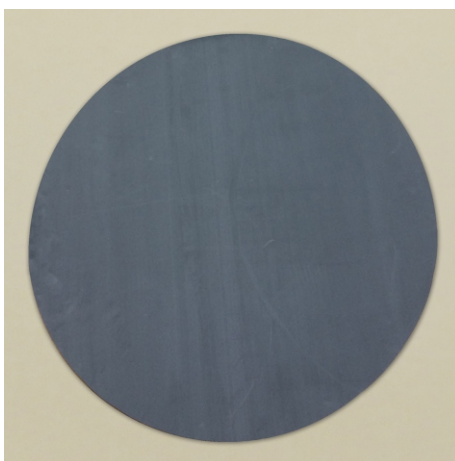
(Product code: TG00023)

- 10mm EVA foam
- 5mm EVA foam
- Air drying black craft foam
- Silicone rivet mould
- Two strips of faux leather
- Bison contact adhesive
- Hexflex black primer
- Shield making instructions
- 140mm Hemisphere
- Plywood boss former
- Cut out layout guide

Developed from
an original design
by @faerynthorn



Mark out the 700mm circular shape of the shield on the 10mm EVA foam with a felt tip pen. This can easily be done using string tied to the pen and marking archs from the centre point.



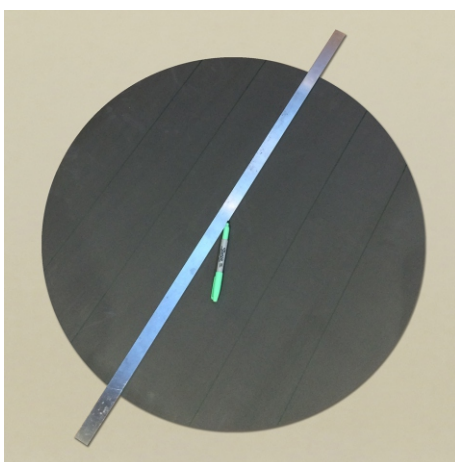
Using a sharp craft knife cut out the shield. This is best done in one cut holding the blade as vertical a possible.



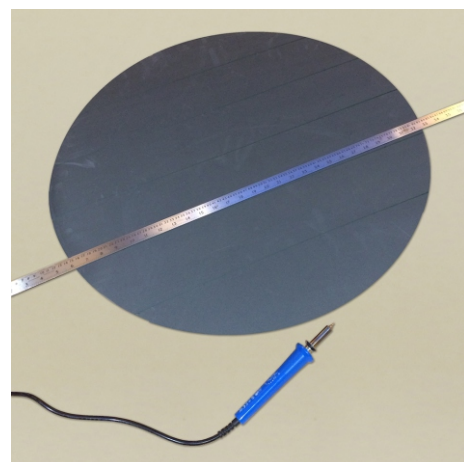
Make a quarter circle template made from card mark out the shield rim shapes on the 5mm EVA foam. Use the shield to mark the outside edge of the arch on the card and then offset it by 35mm.



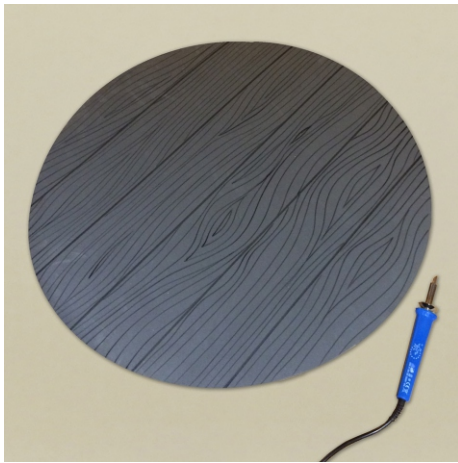
Using a sharp knife cut out four shield rims.



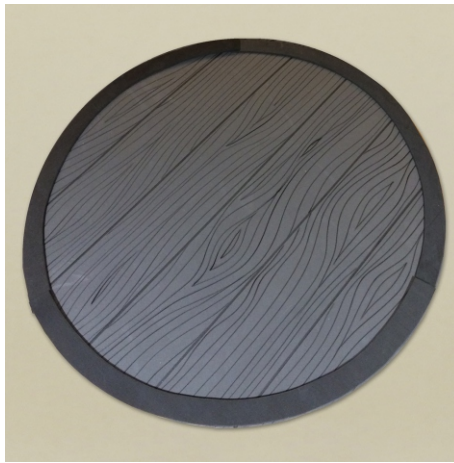
Mark on the plank divisions on the front and back of the shield with a felt tip pen.



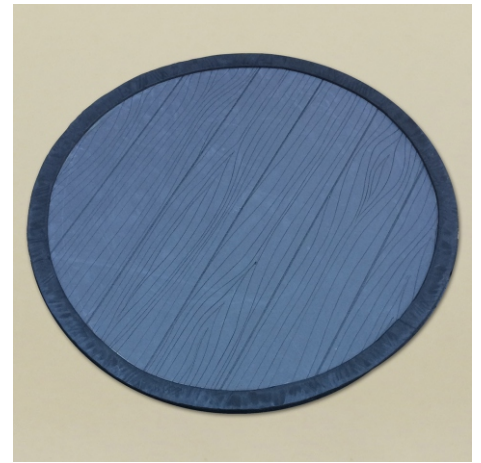
Using a pyrography tool or a soldering iron and a steel rule burn fairly deep lines into both sides of the foam to represent the planks.



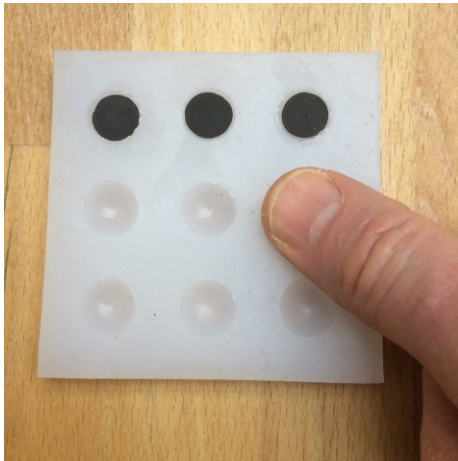
Then more lightly burn in the grain detail of the wooden planks on the front and back of the shield.



Glue on the shield rims to the front and back of the shield using the Bison contact adhesive. Apply the adhesive to the outside edge of the shield and the rims, when touch dry press firmly together.



Using the side of the pyrography tool or the soldering iron gently run it over the rim to leave a beaten look.



Make the rivets by pressing a small ball of the air drying clay into the mould. It is best to use a piece slightly smaller than the hole so the rivet dries with a concave back rather than convex.



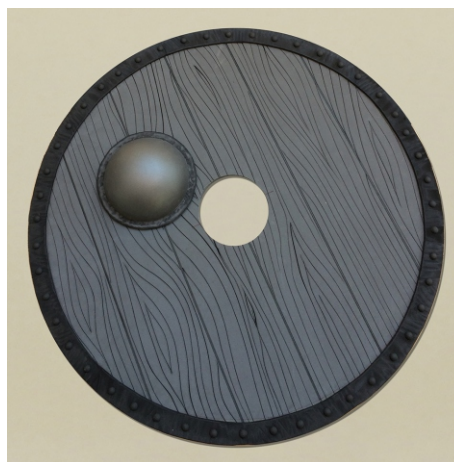
The rivets can be removed from the mould after about 30 minutes and allowed to dry further. When dry glue onto the shield rim using the contact adhesive



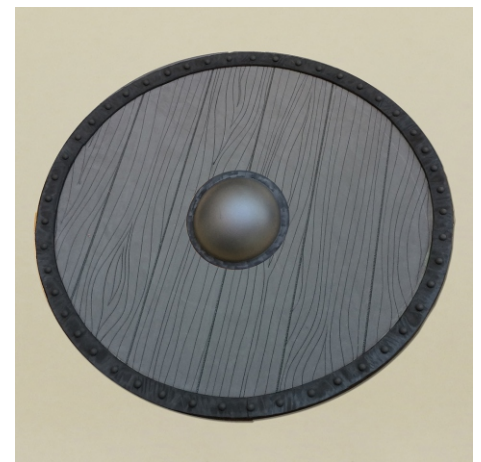
Next make the shield boss. Heat a 260mm square of the 10mm EVA foam in the oven at 150C on a baking sheet for a few minutes. Then push the foam over the sphere with the wooden former and hold for about 20 seconds*



Trim the edge of the foam to about 10mm from the edge of the boss sphere

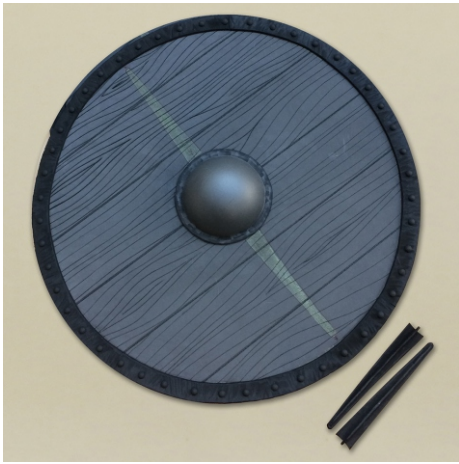


With a sharp knife cut a 130mm hole through the centre of the shield the same size as the underside of the boss

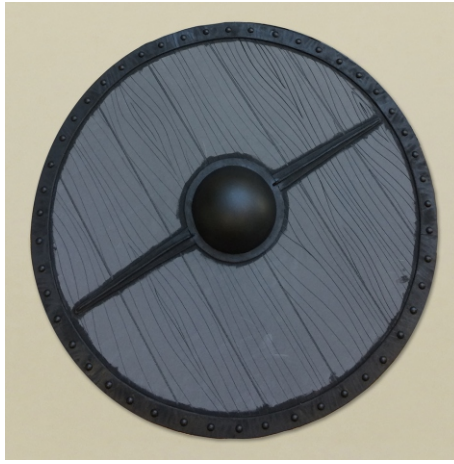


Glue the boss onto the shield using the contact adhesive

*See the video 'Thermo forming EVA foam' on our website in the EVA foam product details.



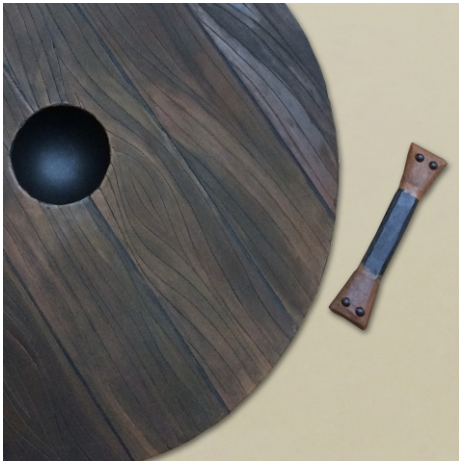
Cut out the strengthening ribs from the 5mm foam then glue the ribs together. Then glue to the shield using the contact adhesive.



Paint the shield with Hexflex paint primer, this can be watered down a bit so it goes further.



Then paint the shield using acrylic based paints. We painted the back in a wood finish using browns and ochres to give variation in colour of natural wood.



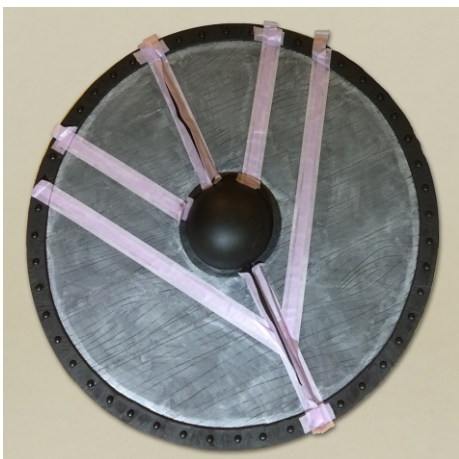
Next cut out the shield handle from the 10mm foam and shape the edge with a sharp craft knife. Glue on some rivets and paint.



Glue on the strips of faux leather using the contact adhesive wrapping around the handle



Attach the handle onto the shield using the contact adhesive.



We decorated the front of the shield similar to Lagatha's shield by masking out the black primer



Then painted the shield with pale blue acrylic paint.

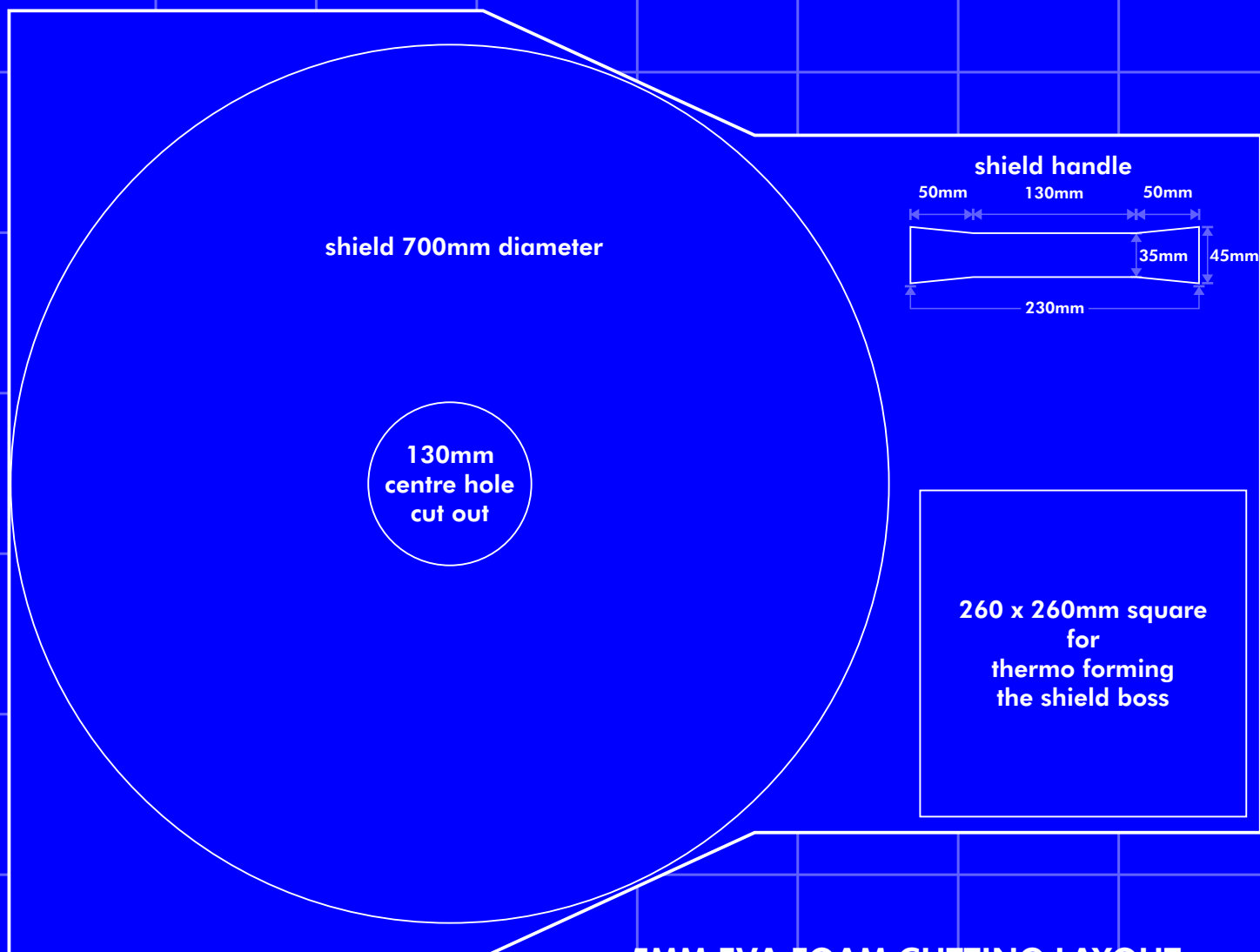


And removed the making tape to reveal the finished shield

Other useful products:

Heavy duty retractable knife (TK10069), Bison contact adhesive (AC00020), Daler-Rowney System 3 acrylic paint (FO12005), Pyrography tool (OT00000), 60cm rule (TR10035), Scalpel no.3 (TK10065), 25mm synthetic brush (FB10040), 24mm masking tape (AT10007), Plasti Dip black (FS60000), Plasti Dip Flex primer (FP20031), 10mm CF6100 foam (RF44102).

10MM EVA FOAM CUTTING LAYOUT



4D

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5MM EVA FOAM CUTTING LAYOUT

