

How to Make a Steam Room Chair

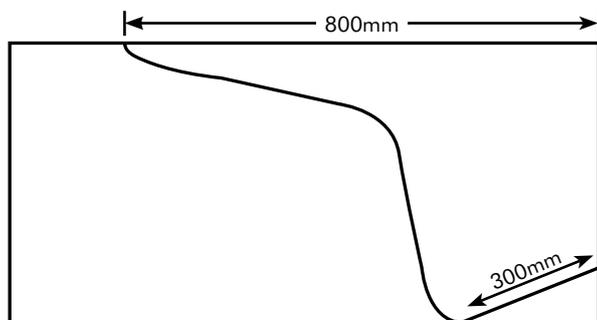


A Steam Room Chair for tiling with mosaics is constructed from three types of Marmox Multiboard: -

- Multiboard 50mm, which comprise the shaped supporting vertical elements
- Multiboard 20mm which is used for the back support
- Curved Multiboard (20mm) which creates the section which is sat on.

Part One – Cutting Out

The strength of the chair is provided by the “vertical elements” which are required every 200mm or six per linear metre. Firstly determine the number of vertical elements required by dividing the proposed length in millimetres by 200mm. Draw onto a 50mm Multiboard (600mm x 1250mm) the following shape and then using a jigsaw carefully cut this out without damaging the rest of the board.

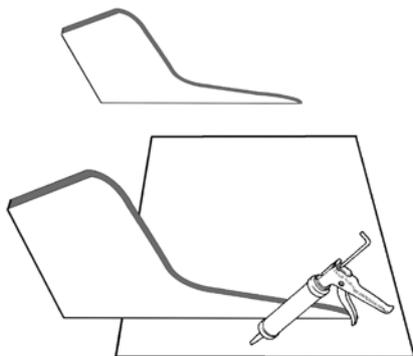


All the vertical elements must be identical, which can be ensured by using this first cut out shape as a stencil to draw around. Two pieces can be made from one board.

Part two – constructing the base

Gluing the structure together should be carried out at the same time.

The “back board” should be 800mm high. On a flat stable surface cut 600mm x 1250mm x 20mm boards down to 600mm x 800mm and place them next to each other to construct the back board. Glue the 800mm edges together using Marmox Multibond.



Apply a strip of Marmox Self-Adhesive Waterproof Tape over the joins (on the inside, which, with the boards laying on the floor is the side visible to you)

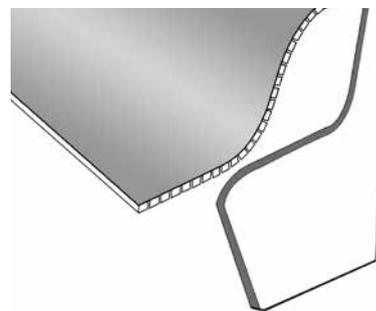
Space out the vertical elements onto this “back panel” at 200mm intervals then fix them with Marmox Multibond.

The 300mm wide flat section at the front behind where the feet will be (the kickboard) must also be covered with 20mm Multiboard. This can be done using the smaller sections cut off the boards that were used to make the back board. Trim the width down to 300mm and glue to the flat part of the vertical elements using Marmox Multibond.

This adhesive will result in a very strong bond but it needs at least 12 hours before it can be moved.

Part three - fitting the seating area

After 24 hours, the curved boards can be fitted.



Approximately lengths of 1150mm will be required to cover the chair from the top of the back-rest to the flat section at the base. With the unit the correct way up glue the curved boards into position using Marmox Multibond. The edge of the Curved board should be flat and in line with the ‘back panel’ because this edge will eventually be in contact with the wall. To ensure immediate adhesion, place a strip of Marmox Self-Adhesive Waterproof tape over the top edge of the curve board so that it connects to the back panel.

Place another strip of Marmox Self-Adhesive Waterproof tape at the bottom edge of the curve board so it connects to the ‘kickboard.’

Place further tape over the edge of the Curved Board at end of the chair so that it connects with the end ‘vertical element.’ This will cover the exposed core making the subsequent tiling of the bench easier.

Part four - finishing off

After 24 hours the unit can be tiled with mosaic tiles.

The unit should be fixed to the wall and the floor using a cement based tile adhesive.

Corner sections

The chair can be cut at an angle and be joined to another identical seat cut at a complimentary angle to make an ‘internal corner’ seat. The two units should be joined together with Marmox Multibond, reinforced with Marmox Self-Adhesive Waterproof tape.

Quantities

All boards referred to are 600mm x 1250mm

50mm Multiboard = 3 boards per metre

20mm Multiboard = 1.7 boards per metre

20mm Curved Board = 1.7 boards per metre

Multibond (300ml) = 2 tubes per metre

S/A Waterproof Tape (10m) = 1 roll per metre