

TOPAN FORM

Create Curved Shapes
Quickly and Easily

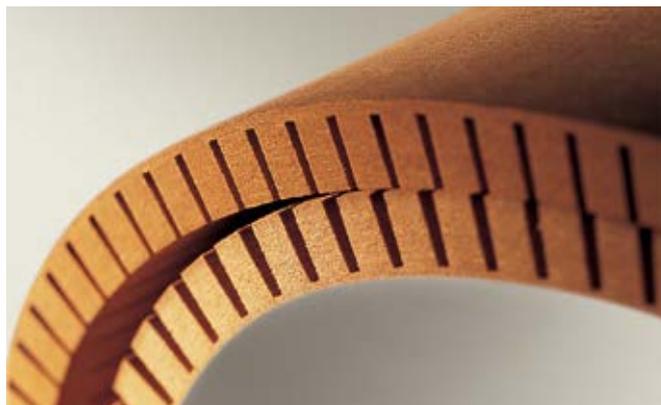


HIGHLIGHTS

- Cheap and easy way to create a variety of shapes like waves, circles and arches.
- Easy to varnish, wax, veneer and coat.
- Precise groove milling with accurate distance and depth enables you to produce curves with a narrow radius.
- No spring back or polygon effects.
- Where many other materials run up against their limits, or cost considerations force you to abandon your creative ideas, Topan Form is only just getting started.
- No design limits when combined with other materials.
- Also available in black (Innovus Coloured MDF Form Black).

APPLICATIONS

- Shops and trade shows
- Furniture fronts
- Door arches
- Sales displays
- Counters
- Elegant wall finishes for masonry arches and columns
- Designer pieces
- Stage & Film sets
- Grooved side also ideally suited for use as a design element



STOCK PROGRAMME AND TECHNICAL DATA

SIZE (mm)	THICKNESS (mm)	PACKAGING UNIT	ARTICLE CODE	COLOUR
2800x1030	8	36	CB7T100145	natural
2800x1030	10	30	CB7T100144	natural
2800x1030	10	30	CB7G100053	black

BOARD THICKNESS	WIDTH OF GROOVES	DEPTH OF GROOVES	DISTANCE BETWEEN GROOVES
8 mm	2 mm	6 mm	5 mm
10 mm	2 mm	8 mm	5 mm

TOPAN FORM

MAKING WAVES, ARCHES AND TUBES IS CHILD'S PLAY

INFORMATION ON USE

HOW TO MAKE A TUBE

1. First build a template out of particleboard. For a smooth, even curve across the entire surface of the shaped part, make sure that the ribs are no more than 25 cm apart.
2. Use a roller to apply D3 or D4 adhesive to the grooved sides of two pre-cut Topan Form panels.
3. Press the glued panels together. When building a tubular design, remember that the inside panel will have a smaller radius than the outside panel, so the outside panel must be longer.
4. Wrap the Topan Form panels around the lower half of the template and secure them with belts.
5. Make sure to apply additional pressure lengthwise between the belts.
6. Allow the part to cure for about five hours, then remove it from the template.
7. Use a plane to smooth the two long edges so that the upper and lower halves will fit together precisely with flush joints.

8. Apply joint-filling, two-component adhesive to the long edges if there are any uneven spots. PU adhesive can be used if the two halves fit together exactly.

9. Use a spatula to apply the adhesive!

10. After applying the adhesive to the two long edges, place the upper moulded half on top of the lower half. Apply adhesive tape to the template around the glued joints to prevent it from sticking to the moulded parts.

11. Use belts to hold the parts in place. Insert paper strips between the belts and the glued joints to stop them from sticking together. The two halves can be joined without the template if dowels or flat springs can be used instead to give tight, evenly glued joints.

12. Sand the outer surface of the shaped part with sandpaper or an appropriately rounded glued block.

13. Fill the open seams with two-component adhesive.

HOW TO MAKE A WAVE SHAPE

1. First build a template out of particleboard. For a smooth, even shape across the entire surface of the moulded part, make sure that the ribs are no more than 25 cm apart.
2. Apply edge strips or adhesive tape to all ribs in the template so the panels can slide back and forth inside it while preventing damage to the Topan Form surfaces.
3. When making extremely tight radii, moisten the outer surfaces of the panels to increase their flexibility during shaping.
4. Use a roller to apply D3 or D4 adhesive to the grooved sides of the two pre-cut Topan Form panels.
5. Place the panels to be shaped between the upper and lower halves of the template.

6. Press the panels together. Screw clamps, screw presses, or hydraulic presses are suitable. Hydraulic presses are especially economic.

7. Allow the part to cure for about five hours, then remove it from the template.

8. Sand the curved surfaces as desired.

9. Fill the open seams with two-component adhesive.

10. Use a spatula to apply the adhesive!

PAINTING AND VARNISHING

• Please note that, for technical reasons related to the production process, there may be some variations in colour between lots of Topan Form colour FF. These variations are impossible to completely prevent, especially between sheets of different thicknesses.

• Because wood is a natural product that discolours (yellows) when exposed to direct sunlight, it is important not to leave Topan Form colour FF sheets in the sun for very long. The pigment formulation used is light-fast, but not the wood fibres! Applying clear varnish or a suitable wax minimises the risk of the colour being altered by exposure to light.

• Most commercially available PUR-based varnishes yield excellent results with the application of only two coats to Topan Form colour. Filled-out edges in visible areas should be colour-matched by applying appropriately pigmented varnish, paint or stain.

• Topan Form is especially well-suited for painting and Topan® Form colour FF for application of colourless varnish or lacquer.

a) Sealing

PUR-based, two-component sealants are recommended; they are available from all major paint and varnish makers. This very important step can prevent the subsequent formation of cracks in the edges and faces of panels. Some varnish and paint types simultaneously seal, however, thus making this step unnecessary.

b) Priming

After sealing the panel, it should be sanded once or twice and then primed with a filler, which should be pigmented for Topan Form. To obtain a high-quality surface, another priming coat should be applied after sanding again. Priming is not necessary when applying clear varnish to Topan Form colour.

c) Varnish or Paint Application

Many different varnish and paint types are suitable. Please observe the manufacturer's recommendations. On request we will provide you with detailed advice on varnishing and painting free of charge.