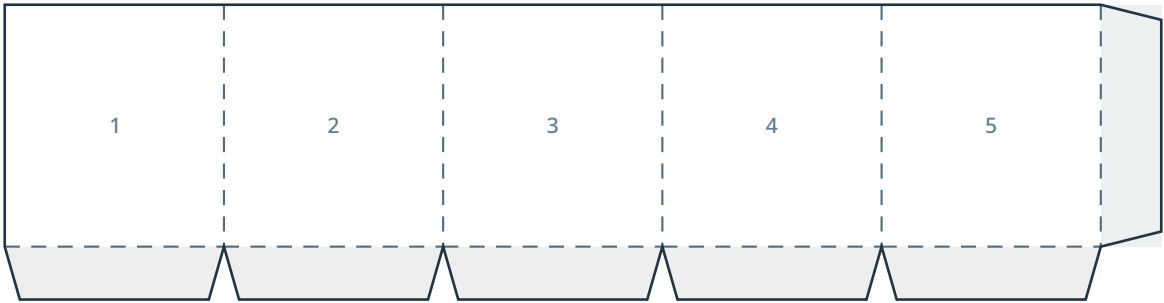
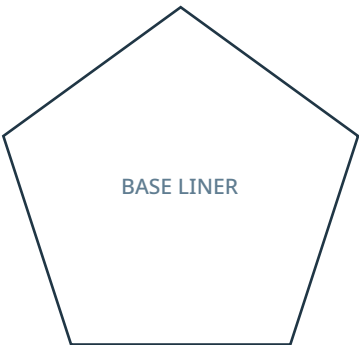
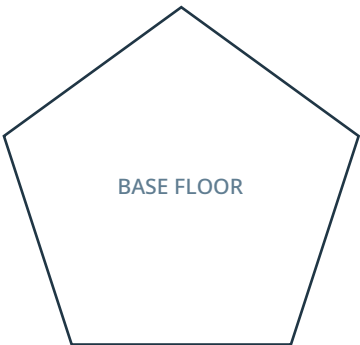


Pentagonal favor box

Base / separate wall band and polygon / retain joining tabs



BASE: edge lengths 29.00, 29.00, 29.00, 29.00, 29.00 mm



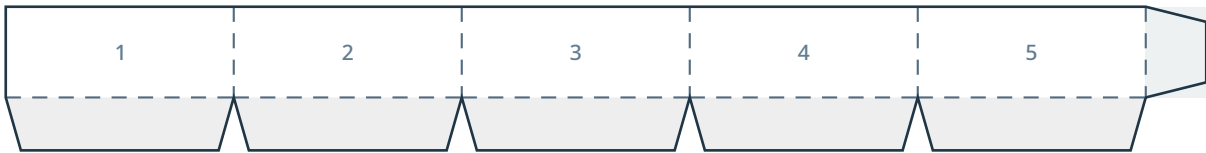
Panel numbers run around the polygon perimeter. Align the end seam before attaching the floor. Lid and base parts are not interchangeable.



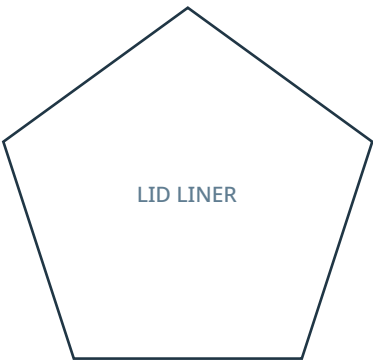
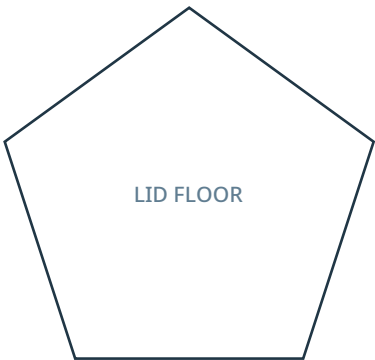
50 mm scale check | Measure after printing

Pentagonal favor box

Lid / separate wall band and polygon / retain joining tabs



LID: edge lengths 30.16, 30.16, 30.16, 30.16, 30.16 mm



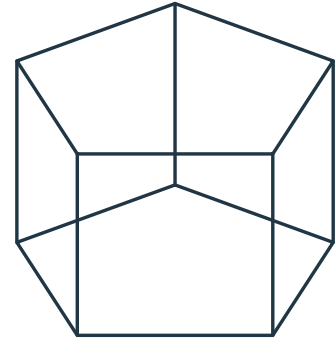
Panel numbers run around the polygon perimeter. Align the end seam before attaching the floor. Lid and base parts are not interchangeable.

Pentagonal favor box

Assembly guide / print at 100% / check 50 mm / physical trial required

MAKE THE PROJECT

A 5-sided paper box with 29 mm side edges, 32 mm walls and a separate shallow slip-over lid.



CONSTRUCTION SCHEMATIC

MATERIALS

Plain paper for a first trial; suitable light card for the final piece; ruler, scissors, blunt creasing tool and paper adhesive. Use appropriate adult help with cutting and small joining parts.

- 01** Cut the 5-panel wall band and both polygon bases. Keep the marked 8 mm end tab and the 5 bottom attachment tabs.
- 02** Crease the vertical panel hinges and bottom tabs. Close the wall band by attaching the side tab behind the first wall, keeping the fold lines aligned.
- 03** Fold the lower tabs inward and seat the matching base polygon above them. Glue each tab underneath the base, then add the supplied inner liner disk/polygon to cover the seams.
- 04** Build the lid from its own slightly longer band and larger polygon, with its tabs turned inward. Match only pieces marked LID.
- 05** The lid is offset outward by 0.8 mm normal to every base edge; this is a trial allowance, not verified stock clearance. Let the adhesive set before testing the fit.
- 06** Keep the first lid loose rather than forcing it. Record paper thickness and fold behavior before reproducing the box.



50 mm scale check | Measure after printing