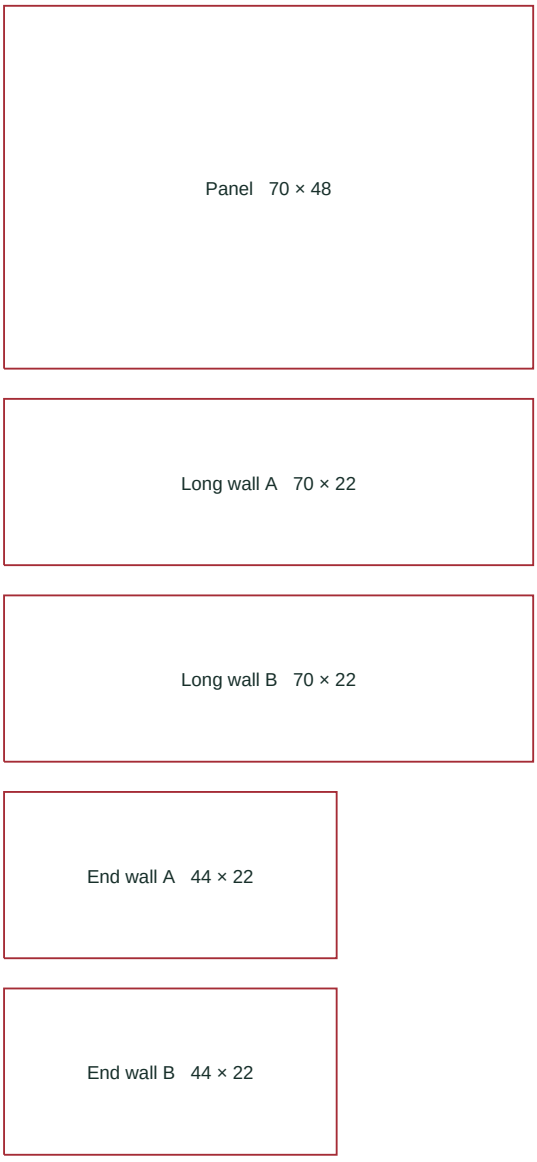
Two-piece lift-off rigid box

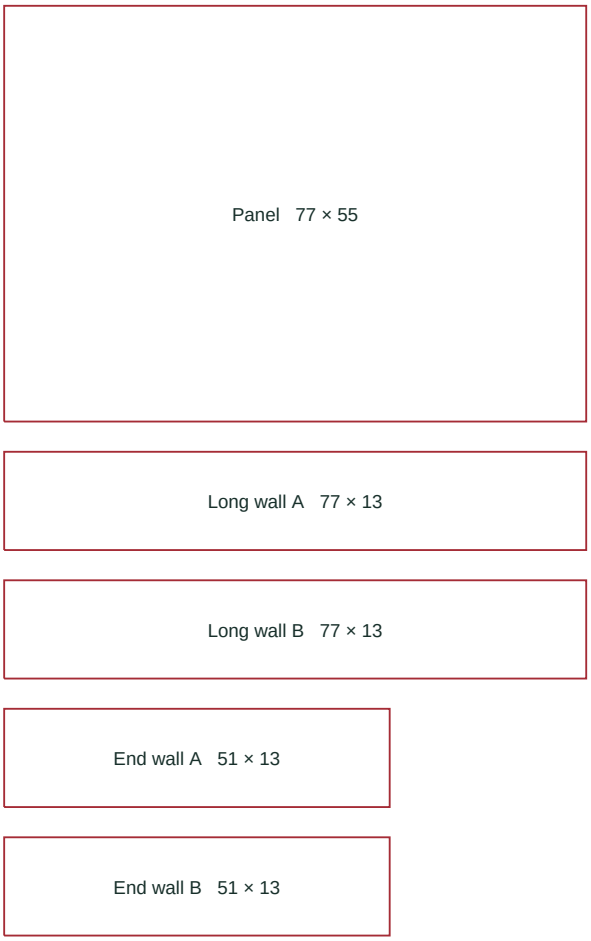
Board cutting list for 2.0 mm greyboard. Make one base and one lid. All dimensions in mm.

Cut

BASE



LID



Board assembly

Bond both long strips on the panel face, flush with the long edges. Fit the end strips between them.

Bare base outside: 70 × 48 × 24 mm. Bare lid cavity: 73 × 51 × 13 mm. Bare clearance: 1.5 mm per side.

Square the corners before drying. Cut the wrap pages separately, then test the lid over the wrapped base.

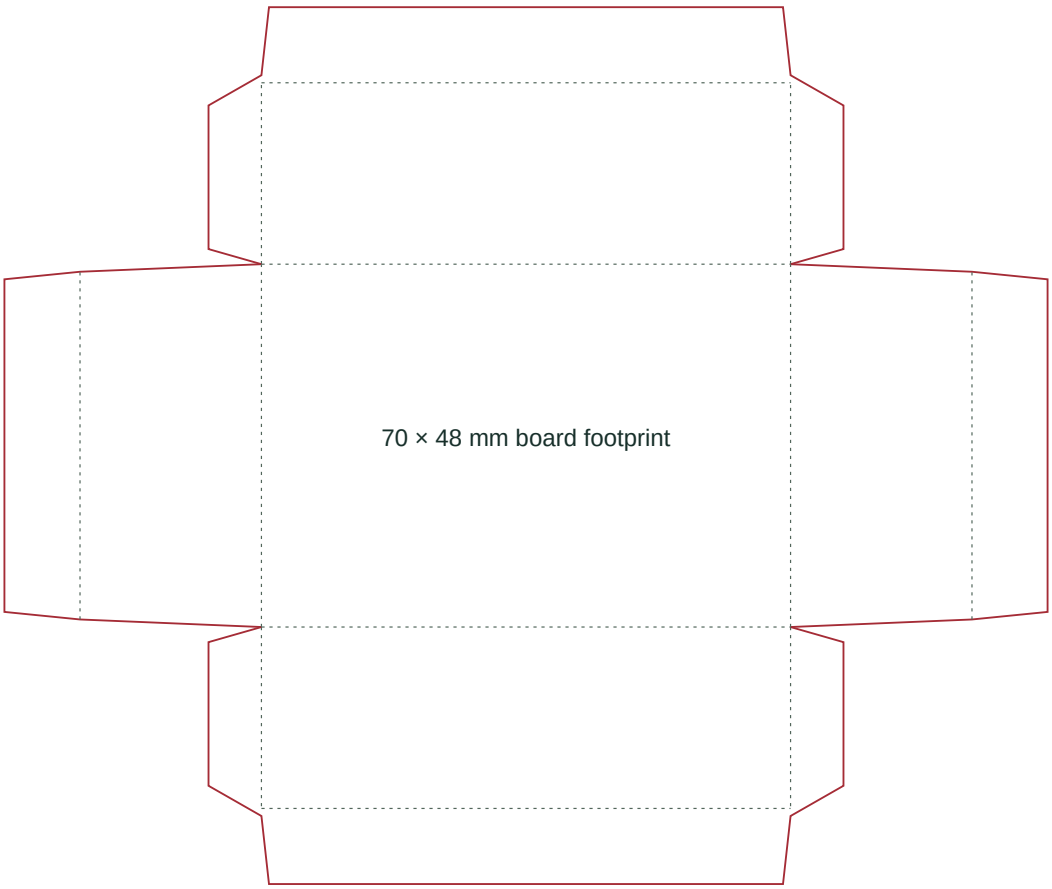
These are hand-built prototypes. Confirm board, wrap, adhesive, overlap, and fit before production.

50 mm print check

Base exterior wrap

Drawn for the assembled board footprint shown below. Trial wrap: approximately 0.12 mm paper.

Cut Position / turn guide



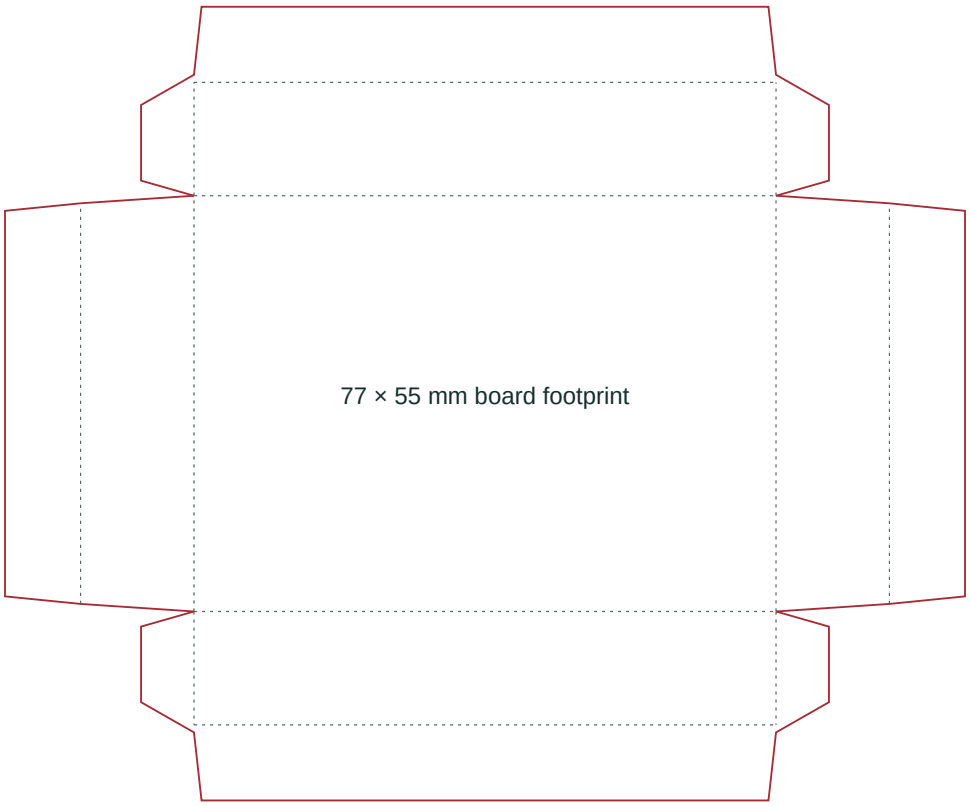
Wall height 24 mm. Turn-in 10 mm. Corner overlap ears 7 mm.
Center the assembled board piece on the inner rectangle. Check grain, corner relief, and adhesive first.
Wrap the two long faces and fold their ears around the adjoining walls. Then wrap the short faces.
Turn in the top margins and test-fit the lid after the adhesive dries. Adjust to the actual wrap buildup.

50 mm print check

Lid exterior wrap

Drawn for the assembled board footprint shown below. Trial wrap: approximately 0.12 mm paper.

Cut Position / turn guide



Wall height 15 mm. Turn-in 10 mm. Corner overlap ears 7 mm.
Center the assembled board piece on the inner rectangle. Check grain, corner relief, and adhesive first.
Wrap the two long faces and fold their ears around the adjoining walls. Then wrap the short faces.
Turn in the top margins and test-fit the lid after the adhesive dries. Adjust to the actual wrap buildup.

50 mm print check