

Cutting checklist

"Sarah" layered sign 220 x 120 mm · Laser cutting · Plywood 3 mm, 3 mm

Before cutting

- ☐ Import without scaling and confirm part 1 (Back layer) measures 220 x 120 mm.
- ☐ Measure your sheet: the design uses 3 mm.
- ☐ No kerf compensation is applied: parts come out slightly smaller by your machine's kerf. Cut a test joint first.
- ☐ Check that each sheet (600 x 400 mm) fits your machine.

Validation checklist

- ☐ Material thickness checked: Calipers reading matches 3 mm used by the design.
- ☐ Correct scale selected: Part 1 measures 220 x 120 mm in your software.
- ☐ Components counted: 4 pieces: 1x Back layer, 1x Front layer, 1x Raised letters piece 1 of 2, 1x Raised letters piece 2 of 2.
- ☐ Assembly fit checked: Dry-fit before gluing; cut one joint as a test if this is a new material.
- ☐ Unsupported assumptions resolved: No open warnings. Check the assumptions listed in the project instructions.

Machine checks

- ☐ Imported size matches the part list.
- ☐ Every layer has an operation.
- ☐ Material and thickness match these instructions.
- ☐ The sheet fits the bed with clamps clear of the cut paths.

Safety

- ☐ Never leave a running laser unattended.
- ☐ Run the extraction or ventilation for the whole job and until the smoke clears.
- ☐ Keep a suitable fire extinguisher within reach.
- ☐ Only cut materials your machine maker lists as safe; never laser PVC or vinyl.
- ☐ Wear the eye protection your machine requires when the lid can be opened.

Assembly

- ☐ All parts identified against the numbered list.
- ☐ Dry-fit done before gluing.
- ☐ Wood glue (or glue suited to your material) ready.
- ☐ Cord, wire or screws for hanging ready.