

Wall fitting guide

Prepare your panel and position the two French cleat pairs

What is supplied

Two French cleat bracket pairs, wall screws and plugs, and shorter frame screws. Brackets are supplied unfitted. Wall screws: 1.6 in (about 41 mm). Frame screws: 0.83 in (about 21 mm).

Before you start

You will need a tape measure, pencil, spirit level, screwdriver and a drill with suitable bits. Check your wall construction and choose suitable fixings. The supplied plugs are not suitable for every wall. Check for hidden cables and pipes before drilling.

1. Choose portrait or landscape

Lay the panel face down on a clean, soft surface. Identify the timber rail that will be uppermost when hung. Fit both panel-side cleats to that upper rail, on the rear-facing 25 mm timber surface.

2. Mark the bracket centres

Measure 100 mm in from each end of the upper rail and mark the two bracket centres. These are centre marks, not screw-hole positions. Use the actual cleats to mark the holes in solid timber.

REAR VIEW - THE CHOSEN UPPER TIMBER RAIL



Schematic only. Brackets shown in teal; use their actual holes.

3. Attach the panel-side cleats

Orient each pair so the panel can lower onto the wall cleat and interlock. Secure the panel-side halves using the shorter 21 mm frame screws into solid timber. Pilot drill if needed; avoid drilling through the panel face. Do not use the longer wall screws on the panel.

Changing orientation: move the panel-side cleats to the new upper rail before rehanging.

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Fix the wall-side cleats, hang the panel and check engagement

4. Transfer the positions to the wall

Decide the finished panel position. Use the fitted panel cleats or a measured template to transfer the actual bracket spacing and screw-hole positions to the wall. Allow for how the two cleat halves interlock so the panel sits at the intended height.

Use a spirit level to align both wall cleats. Leave enough clearance above the panel to lower it onto the cleats and lift it off later. Establish this clearance using the actual brackets.

5. Secure the wall-side cleats

Check for hidden services. Drill the marked holes using the drill size and depth specified for your chosen wall fixings. Fit the wall cleats with the longer 41 mm wall screws and supplied plugs only where suitable for your wall.

For plasterboard, hollow walls or other substrates requiring different fixings, use fixings suitable for that construction and follow their manufacturer's instructions. Check that both wall cleats are firmly secured.

6. Hang and check the panel

Support the panel and lower it onto both wall cleats. Check that both pairs are fully engaged and the panel is secure before letting go. Confirm that the panel is level. If a cleat does not engage correctly, lift the panel off and correct the alignment.

Spacing reference

The upper rail width depends on your chosen orientation. Bracket centres are 100 mm from each end; the distance between centres is the rail width minus 200 mm.

Upper rail width	Distance between bracket centres
300 mm	100 mm
600 mm	400 mm
1200 mm	1000 mm

Panel weights: 600 x 600 mm: 1.8 kg; 300 x 1200 mm: 2.1 kg; 600 x 1200 mm: 3.6 kg. All panels are 52 mm thick.

Wall mounting only. These French cleats are not the ceiling mounting system. Contact Soundproofing UK to discuss separate ceiling suspension hardware.