

How to Install Jakoustic Plus (absorptive) Fencing.

Thank you for choosing Jacksons Fencing. Our high quality fencing products will last for years and give you trouble-free service if you follow the installation instructions below, which are offered as a general guide.

Follow standard installation instructions with the addition of the following on completion of Jakoustic installation (see dwg J704177).

- 1) Identify which side of the fence is to be fitted with absorptive. Generally this is the side with the noise source.
- 2) If this is the 'post side' of the tuning fork design, then the membrane must be hung (note 8 below) so that the edge is tight up against each spur post or against the web of the I beam. This allows the vertical half round battens to properly clamp the membrane in place and prevent it being blown out by the wind.
- 3) If the absorptive layer is to be installed on the 'flat' side of Jakoustic highway, ensure that every horizontal batten is secured through to the nail battens at the post positions, using the 100mm timberlok screws, driving heads below surface (where they cross) - THIS IS IMPORTANT & REPLACES COVER STRIP. If on the flat side of the fencing the battens can be continuous.
- 4) Fit horizontal Rockwool support battens (45x34mm) across fence bay ensuring they are fixed to the side of fence requiring acoustic absorption, using 75mm nails. Support battens to be fitted upwards at 650mm centres, 54mm to view; ensuring bottom batten is 50mm above ground level.
- 5) 1200x600mm Rockwool pieces to be placed tightly between each pair of support battens with an additional infill piece to the end, cut to suit (if req'd).
- 6) Measure the distance from the top of the top board down to the bottom of the bottom batten. Add 250mm to get your membrane cut length. Cut membrane carefully, making sure cut is square.
- 7) The counter rail on absorptive side is 70 x 45 planed - this replaces the 70x35 counter rail. Using the 70 x 45 counter rail to trap the membrane in position, screw to top board as counter rail. The top row of Rockwool will need to be cut to suit the gap between top batten & counter rail.
- 8) Drop the membrane down the front of the fence & trap the base of the membrane behind a horizontal 45x34 timber batten, which is nailed under the existing bottom batten. 2no drops of membrane per bay have been allowed.

The fence is then finished using Ø50mm half-round battens. These are nailed vertically to the horizontal battens (2" nails) at nom. 300mm centres (unless specifically requested and agreed at a different spacing). Make sure the vertical joints between adjacent drops of membrane are covered neatly. Any joints between Ø50 half-rounds must be made on a horizontal batten with both ends fixed, preferably at high level.

Safety Notes:

Biocidal Products Regulation (EU528/2012):

Jakcured articles incorporate biocidal products to protect against wood destroying organisms.

Active ingredients include: Copper(II)Carbonate / Copper(II)Hydroxide / Propiconazole / Tebuconazole

Wear gloves when handling freshly treated wood. Avoid breathing dust when cutting.

Dispose of off-cuts responsibly – do not burn.

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