

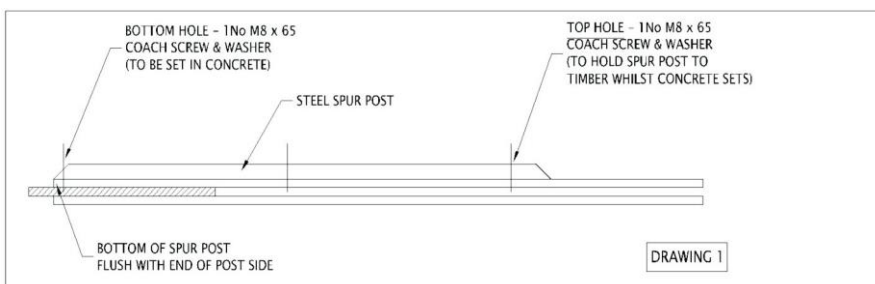
# How to Install Jakoustic Reflective Fencing Using Tuning Fork Posts

**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.**

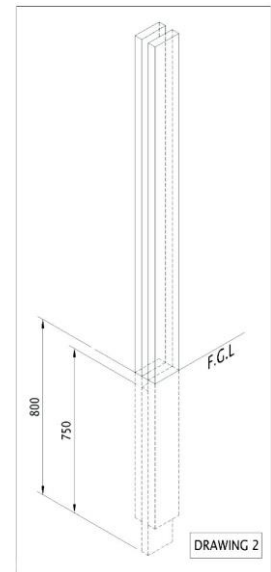
Please read this in conjunction with the drawings.

Note - For fences 2m high & below, no spur post is required.

- 1) (If required) Fit the spur post to tuning fork. Using 2No M8 x 65 Coach Screws. (See drawing 1)



- 2) Set posts in concrete – 2.41m centres. 800mm embedment with centre section of post 50mm below the finished ground level (F.G.L) (See drawing 2). If using an acoustic board to determine post spacing check the length of the board and ensure the centres are actually spaced at 2.41 / 4.82m, leaving a gap at the end of each board if necessary.



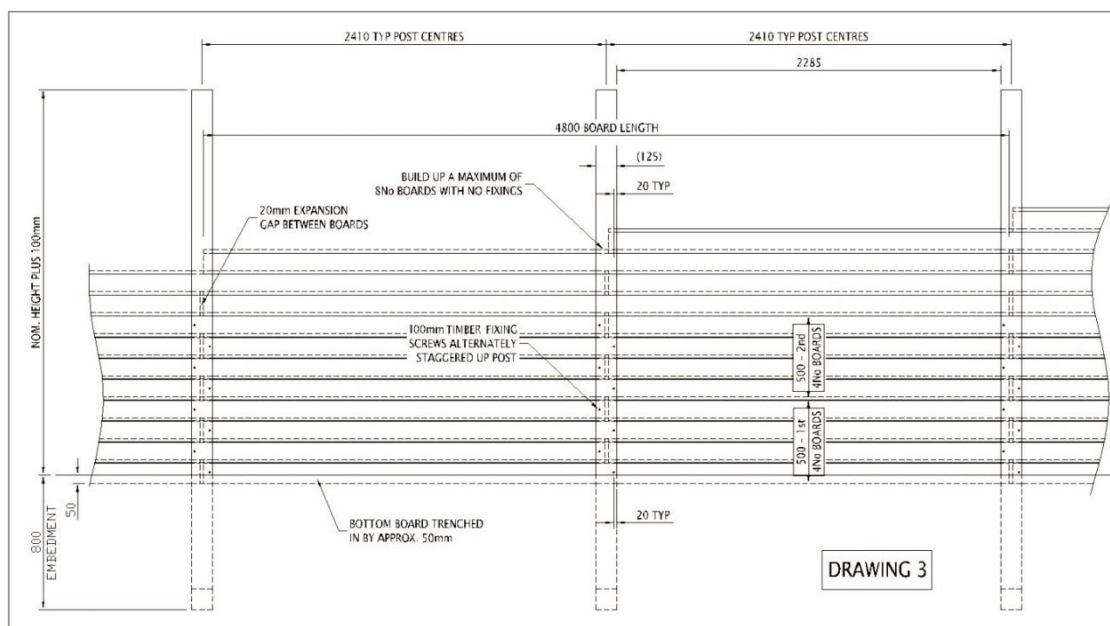
The boards are 4.8m long but the board lengths do vary. If this is not checked, board joins may not be covered in the posts. Jakoustic fencing is usually raked to follow sloping ground as gaps under the fence will allow sound waves to pass and reduce the fence performance. However, it is possible to step the fence if required, but steps in the fence height should only be made in multiples of the 125mm board height.

Only the gravel board / base board is treated for in-ground use. If there is a requirement to bury the Tongue and Groove boards in ground or they will be in contact with soil, then special boards will need to be ordered to meet the 25 Year Jakcure® guarantee terms.

### 3) Installing the Boards

Before the boards are installed, please make note of the following points:

- a) To distinguish between the boards, the gravel board / base board has no groove at the bottom.
- b) When finished, every post should have a 100mm timber screws at 125mm centres. Do not over-tighten the screws (washer section should sit flush on surface) as they could potentially go right through the post or strip the thread.
- c) Every hole in the spur post above ground should be fitted with M10 x 130 stainless steel bolt, nut, washer & 2" square washer. The large hole should then be plugged with a 1½" black plastic cap. The top coach screw is sacrificial & should be used only to hold the timber and steel together whilst concrete is setting.



### Board Installation

Each 4.8m long board should be half staggered with the boards above and below. Much of the structural strength of the fence comes from the way the boards are installed, in a similar fashion to brickwork. When installing the boards on top of each other, tap the boards down using an off-cut section of board as a packer, to prevent damage to the tongue.

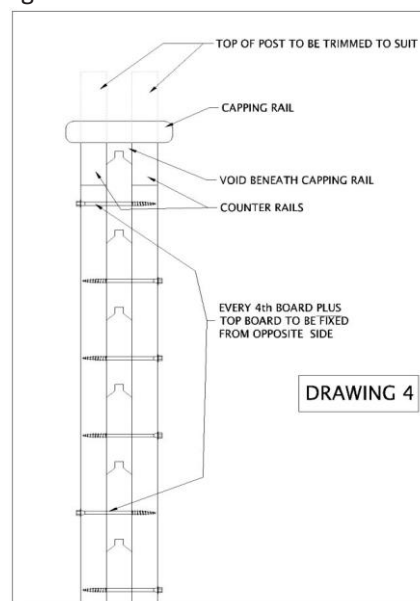
Install 8 boards to a height of 1m. Fix the 100mm timber screws (& spur post bolts) to the bottom four boards leaving the top four boards without fixings. Install a further 4 boards (500mm) and then fix the second four boards that were previously installed but left unfixed. Repeat in 500mm high sections until the required height is achieved. (See drawing 3). Every 4th board (PLUS the top board) should be fixed with a 100mm timber screw from the OPPOSITE side of the fence.

It is important that each board's tongue is securely fitted into the groove of the above board over the entire fence. If necessary, a lorry strap can be used to pull any bowed boards together.

### 4) To finish fencing

The posts are supplied approximately 125mm over length. Trim top of posts as required. Screw 145 x 35 capping rail to top of the posts.

Push 70 x 35mm counter rails tight to capping rail (to either side of top board) and screw in position, then screw capping down to counter rail. (See drawing 4). (Screws should be installed 600mm centres)



DRAWING 4

### Safety Notes:

Biocidal Products Regulation (EU528/2012):  
 Jakured 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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