

## Installation Guide BiForm Joist Mounts

### Scope

BiForm Stack 'n' Pack Joist Mount System is suitable for use with 45mm or 50mm timber joists over solid surfaces such as concrete slabs, patios and waterproof membranes.

Joist mounts are suitable for a subframe height of minimum 100mm and can be stacked to a maximum of 6 high.

### Spacings Between Joist Mounts

- For joists of 75mm or bigger spacings are maximum of 600mm.
- For joists between 75mm and 45mm spacings are maximum of 400mm.

### Options to Accommodate Fall on Substrate

#### 1. Ripping of joists

- The joist may be ripped to minimize stacking of the joist mounts.
- A deeper joist may need to be considered to accommodate the slope, or a single joist mount can be used under a bearer under a joist.
- See Tech drawing: "BiForm deck over waterproofing membrane at height" Timber joists for use with BiForm Form 130 may be ripped to 40mm minimum.

#### 2. Stacking Joist Mounts

- The joist mounts may be stacked to a max of 6 high.
- The packers are used to make minimal adjustments to height and can be stacked to 18mm high.



### Waterproof Membranes

There are a variety of waterproofing systems on the market. We suggest contacting the manufacturer regarding the use of BiForm Joist mounts and if in doubt, use protective rubber pads between the joist mount and the waterproofing to avoid damage.

### Installation

1. Attach Joist mounts to underside of cut to length joists tap into place at spacings dictated earlier.
  2. If ripping the joist to suit the fall - place the joist and mounts right side up in position. Measure and mark the joist for ripping.
  3. After ripping, the joists should be placed mount side down at spacings dictated by the decking to be used. Care should be taken to remove any debris especially on waterproof membranes.
- BiForm FORM 130 and FORESTBOARD require joist spacings of maximum 400mm.
  - BiForm FORM 140 requires joist spacings of maximum 450mm centres.

Your mounted joists are now ready to install the decking.