

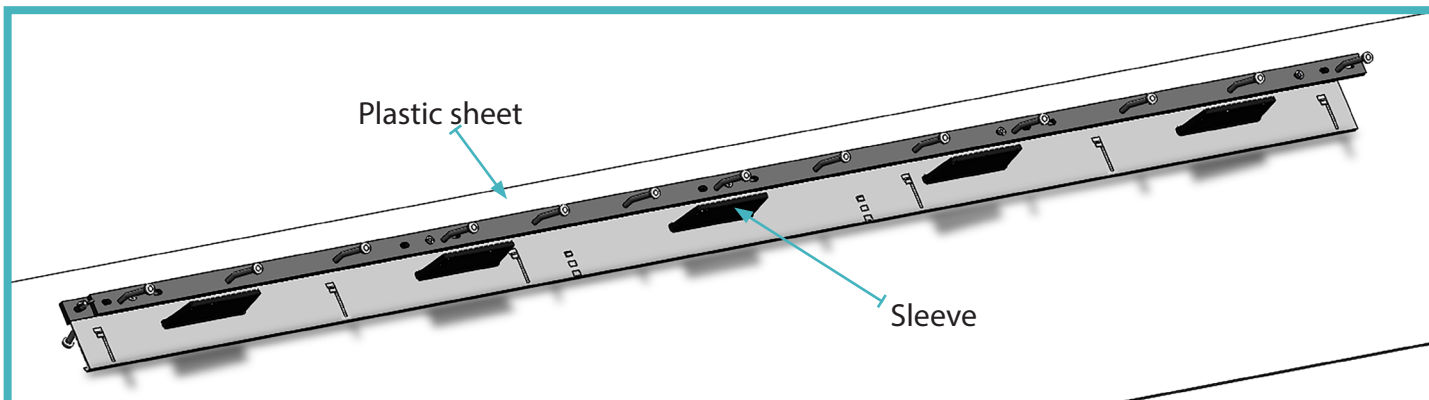
## Permaban AlphaJoint Installation Guide

### Using AlphaFix Method

Installation Guide Issue V4.0  
11/12/20

## 01 Placing the AlphaJoint / AlphaJoint Universal

Place joints on the floor with sleeves pointing up.

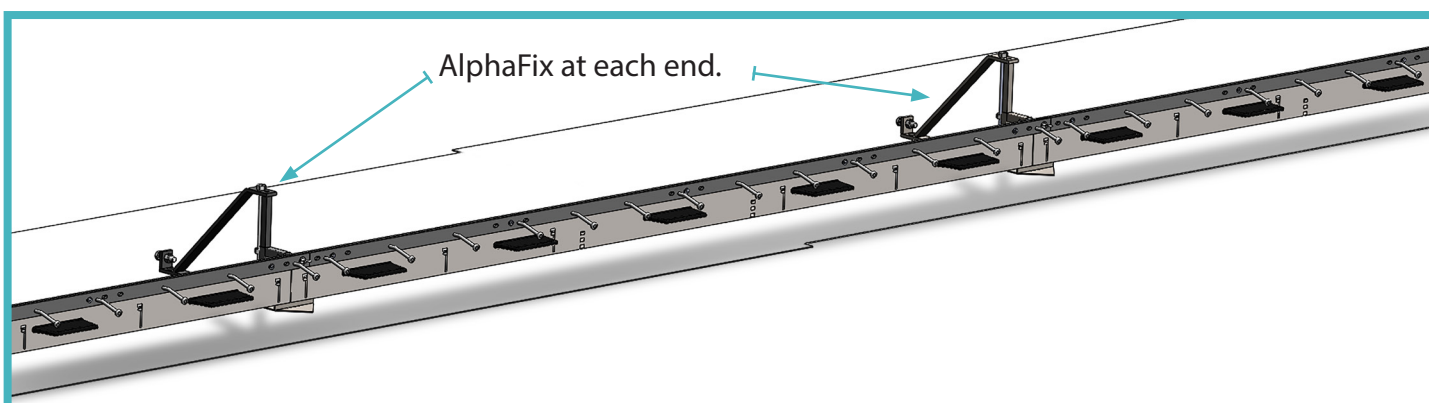
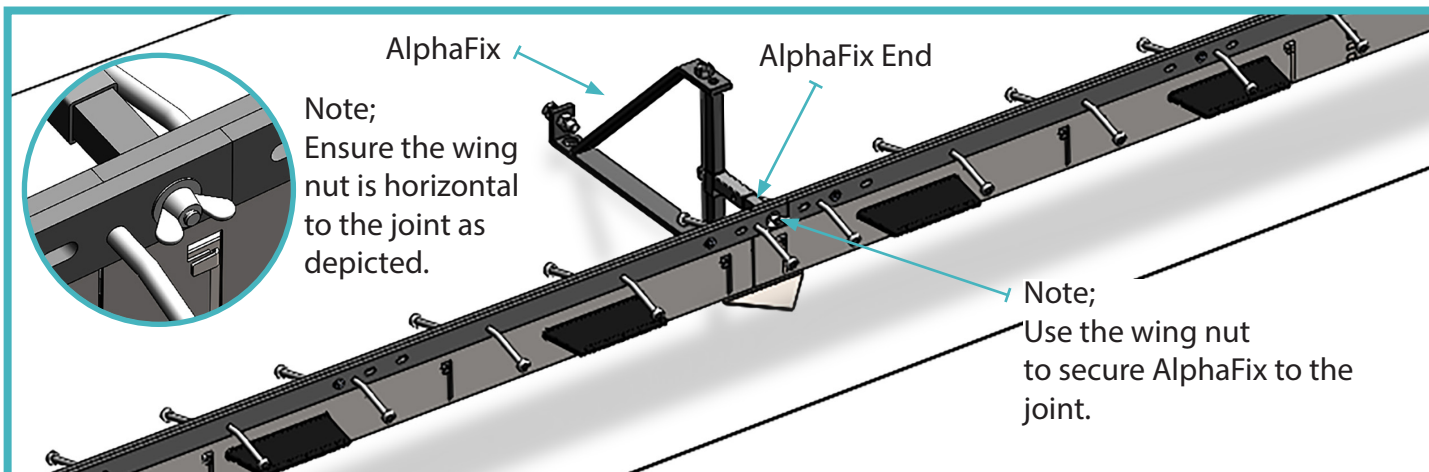


## 02 Assemble Joint to AlphaFix

Position AlphaFix at joining holes. Use one AlphaFix at each end of the joint.

Note;

The 4010 top strip may move laterally during transit and require minor realignment during installation.



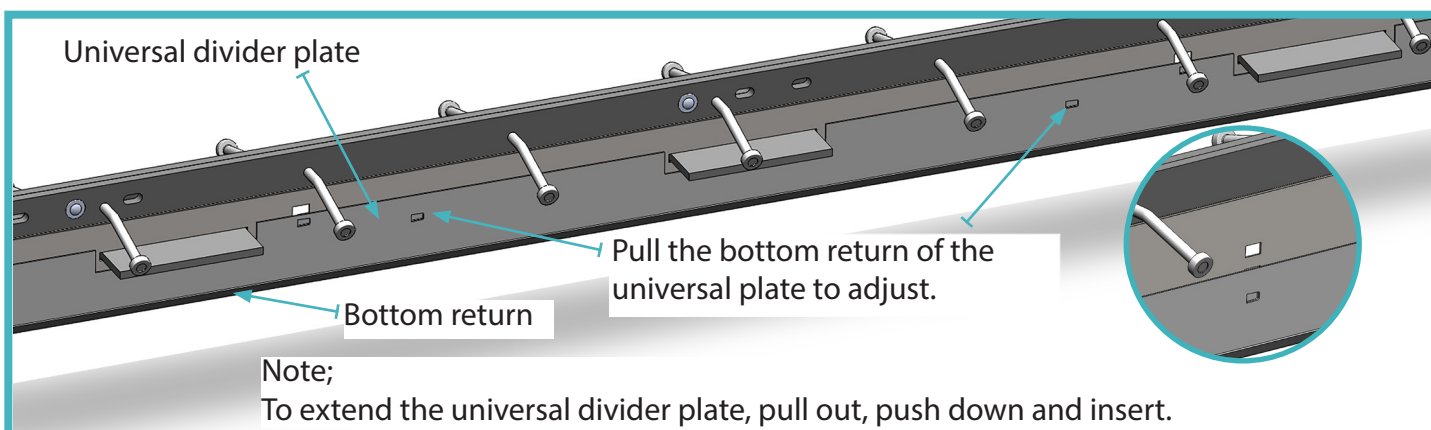
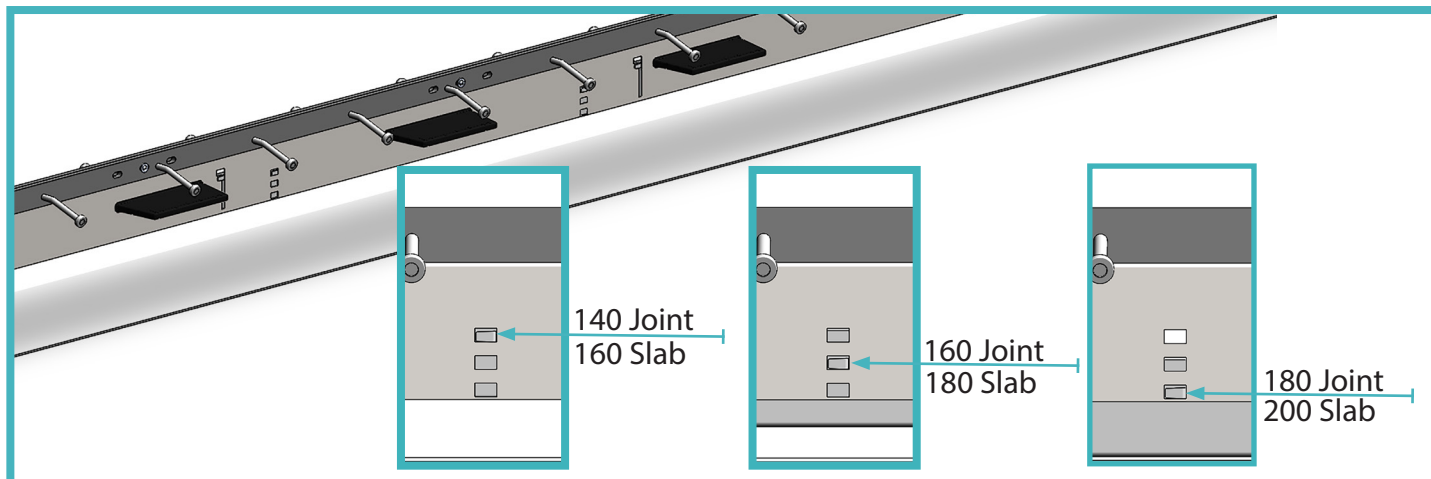
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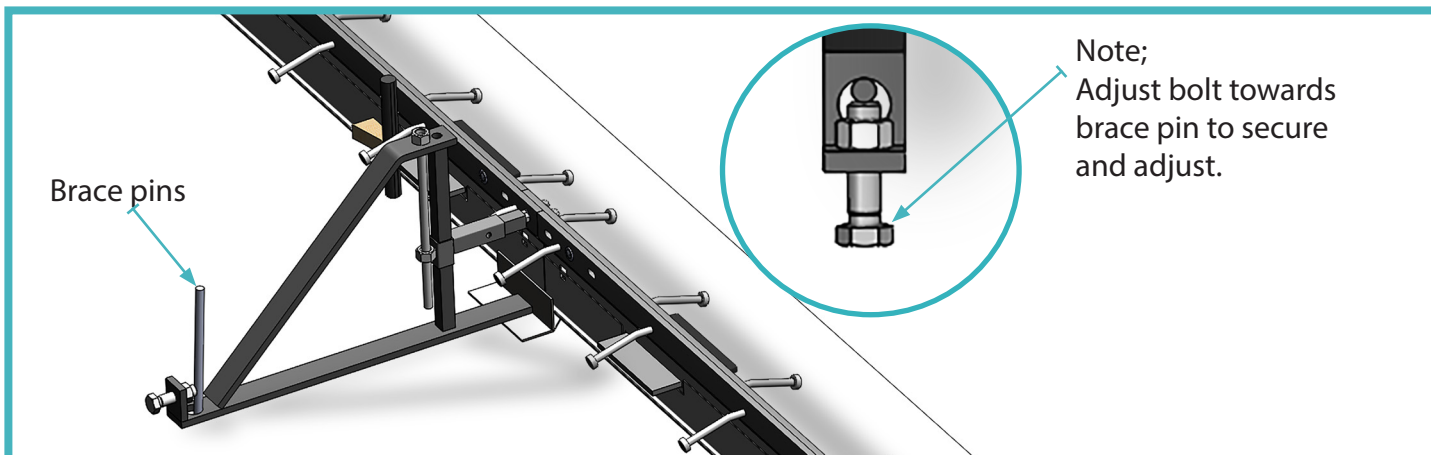
### 03 Set AlphaJoint to Correct Slab Depth for AlphaJoint Universal Joints

If you have purchased the regular AlphaJoint with no Universal divider plate move onto 04.  
AlphaJoint universal divider plate has 3 different size positions which can suit 3 slab depths.



### 04 Brace the Joint through AlphaFix Hole

Joint to follow the string-line.



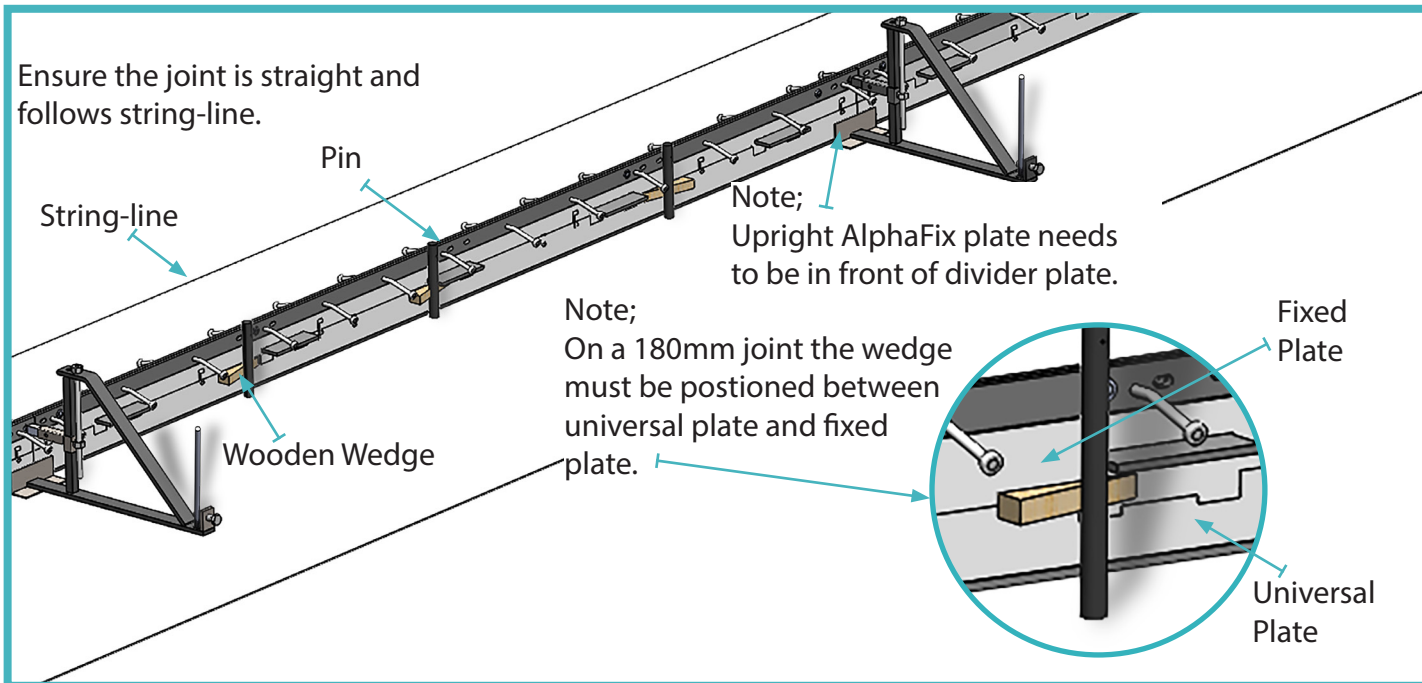
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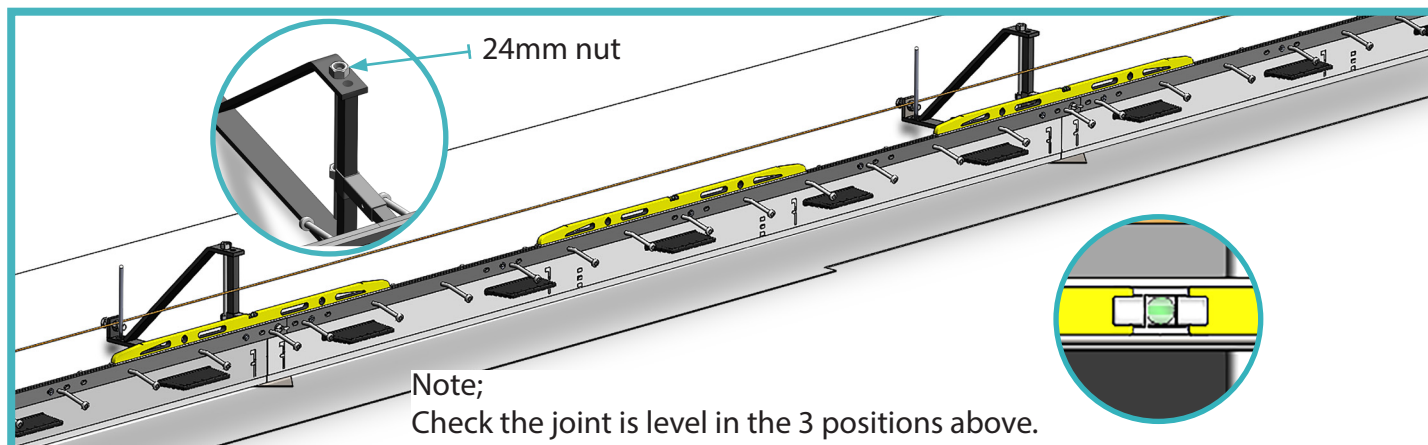
### 05 Pin and Wedging

Use 3 pins and 3 wedges per joint.



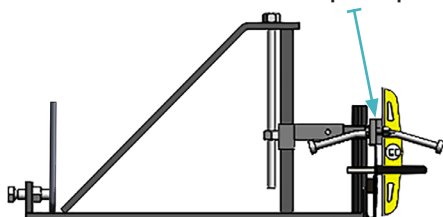
### 06 Adjust to Height

Check height is correct, adjust the 24mm nut on top of the AlphaFix to achieve height required, ensuring the joint is level using a spirit level/optical level.



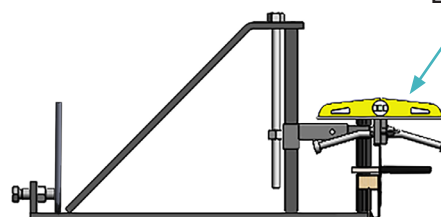
Note;  
Joints must be fixed at 90°.

Top strip



Note;  
Measure the vertical and horizontal level using the top strip.

Level



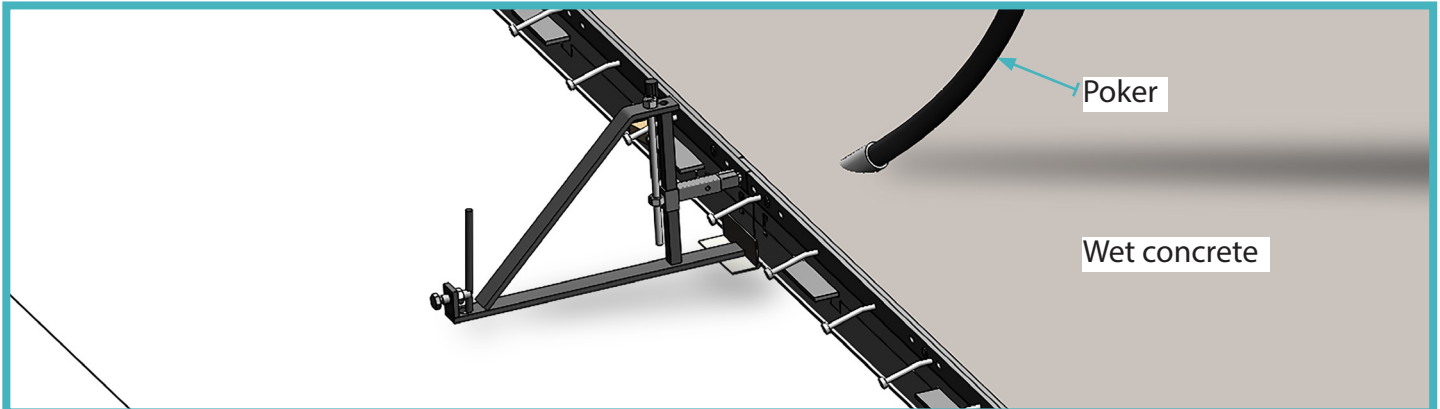
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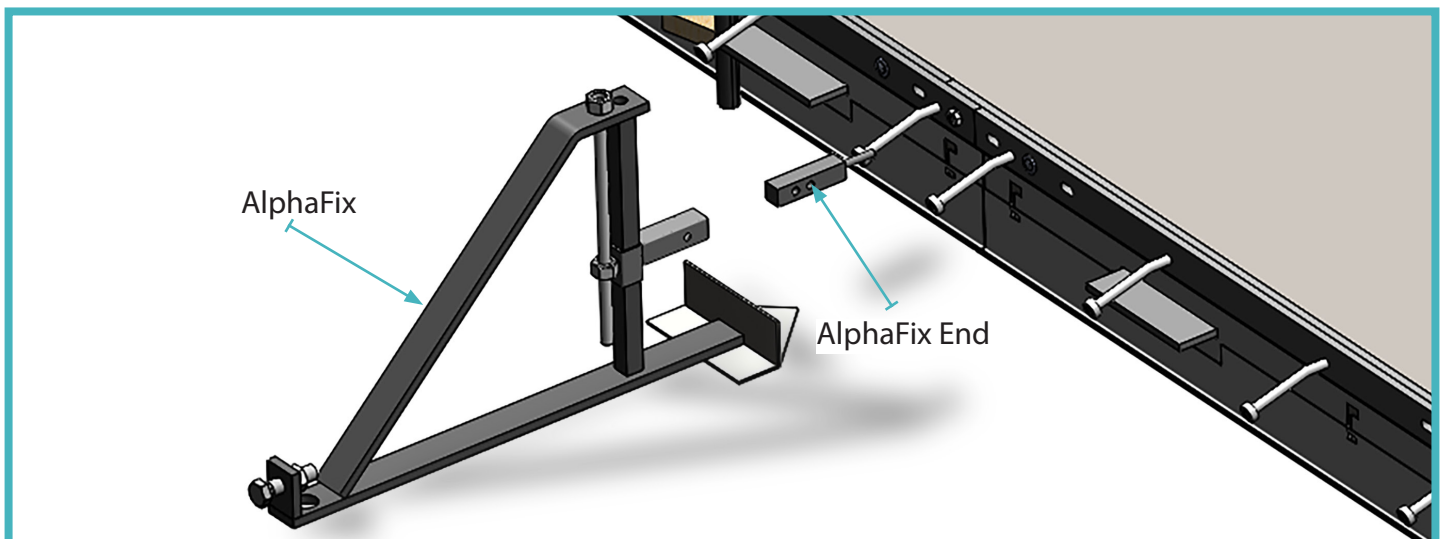
### 07 Vibrate Concrete

Poker vibrate along length of the joint to compacted concrete.



### 08 Remove AlphaFix

Once the concrete is set, remove AlphaFix body from the AlphaFix End by unscrewing bolt through the 20x20 box. Then unscrew the AlphaFix End from the joint.



### 09 Finish

Finish concrete, flush to top of the armoured joint ensuring the rail is clearly viable.