**permaban**®
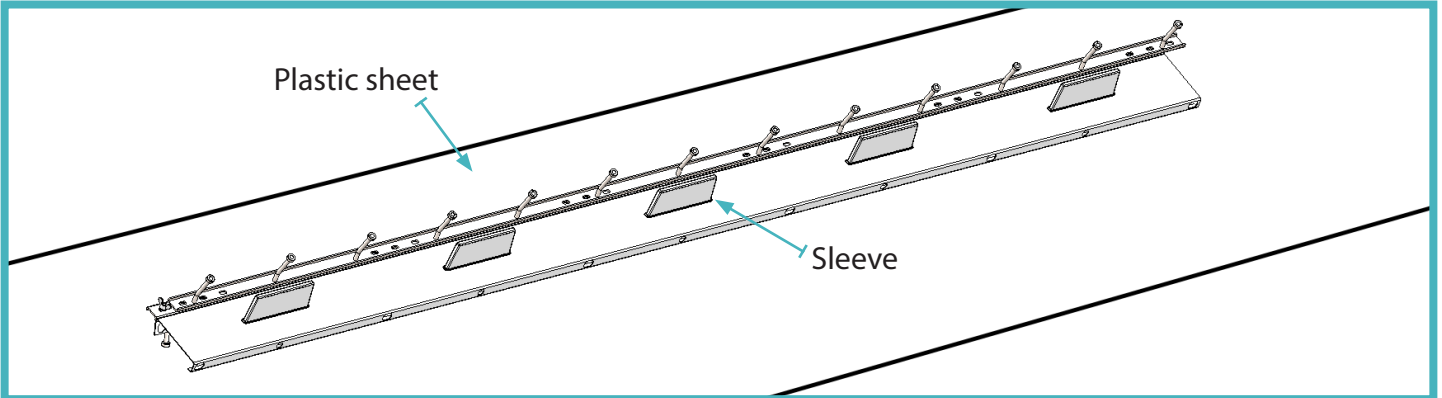
# Permaban AlphaJoint Installation Guide
## Using AlphaFeet Method

Installation Guide Issue V1.0
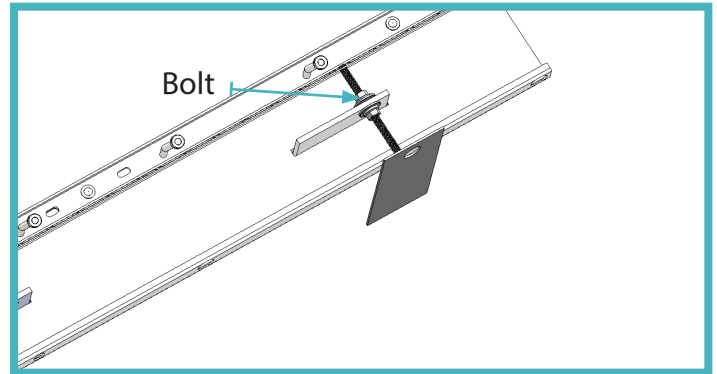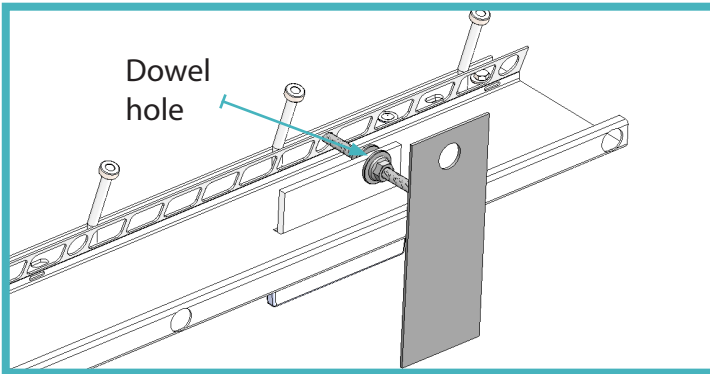05/10/21

## 01 Placing the AlphaJoint

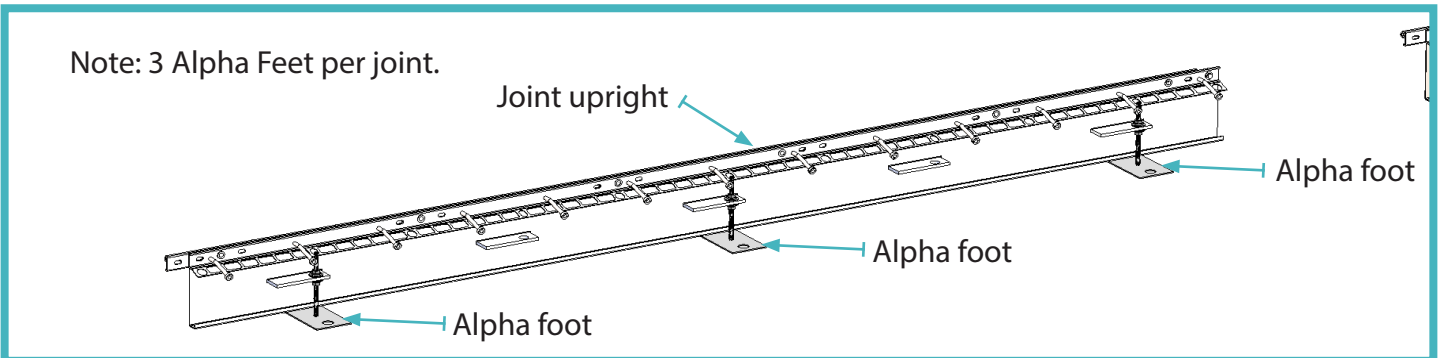Place joints on the floor with sleeves pointing up.



Plastic sheet

Sleeve

## 02 Insert 3 AlphaFeet per Joint

Tilt the Joint and insert the AlphaFoot through the hole of the dowel, then screw on the bolt to secure in place.



Dowel hole

Bolt

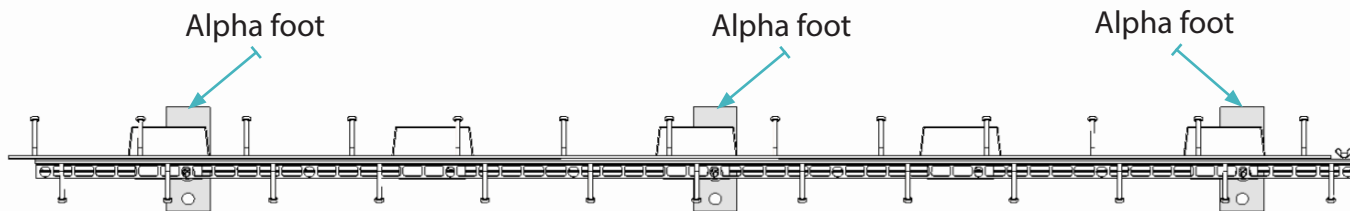Once the steel bolt is secure, pull joint towards you and stand the Joint upright.



Note: 3 Alpha Feet per joint.

Joint upright

Alpha foot

Alpha foot

Alpha foot

Alpha foot          Alpha foot          Alpha foot
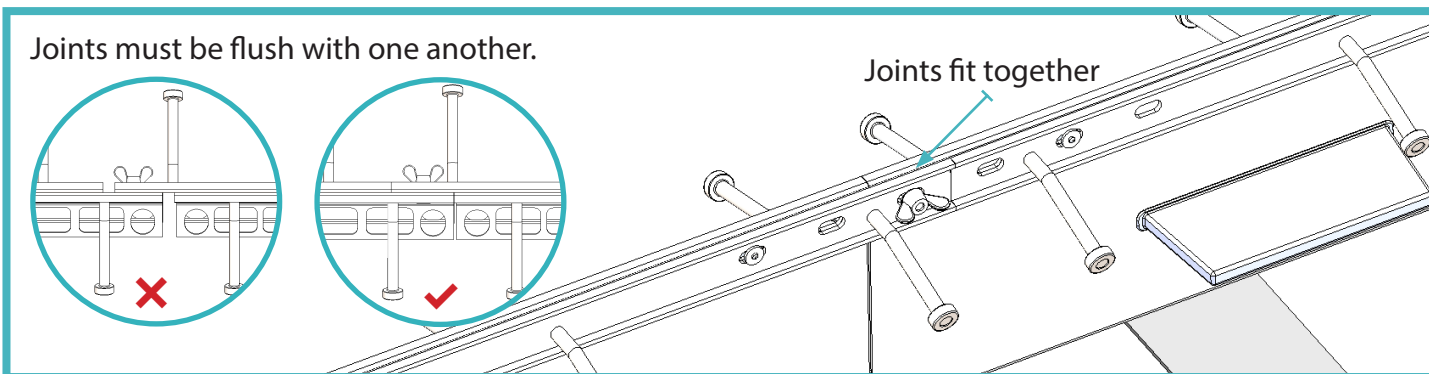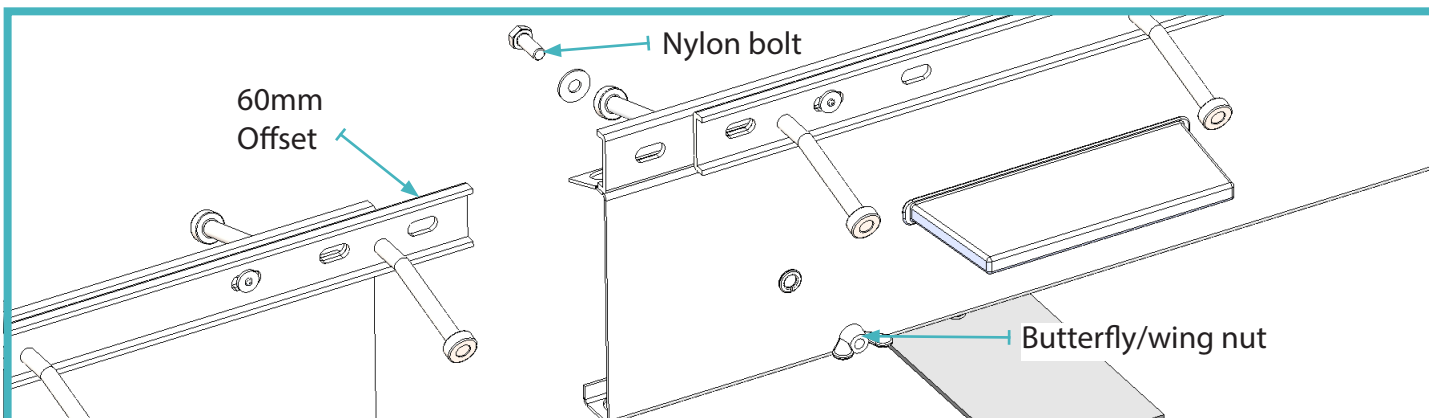
Note: Ideal placement for the feet as shown above

## 03 Fix joints together

Position joints end to end, unscrew the wing nut and nylon, push the 60mm offsets together and re-assemble.
Note: The 4010 top strip may move laterally during transit and require minor realignment during installation.
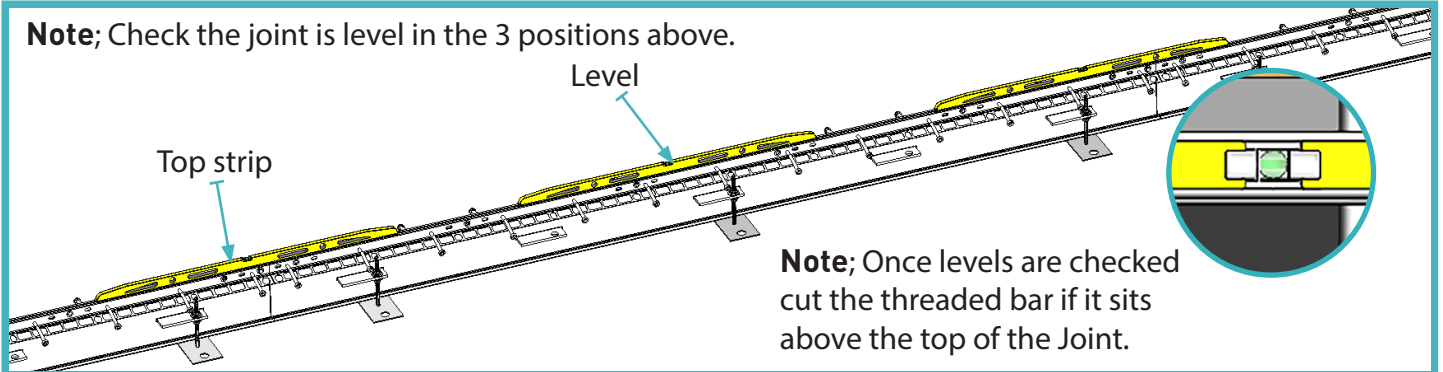
Nylon bolt

60mm
Offset

Butterfly/wing nut

Joints must be flush with one another.

Joints fit together

❌          ✔️

## 04 Adjust to Height

Use the bolts on the AlphaFoot to set the height of the Joint. Then check the Joint is level with a spirit level/optical level.

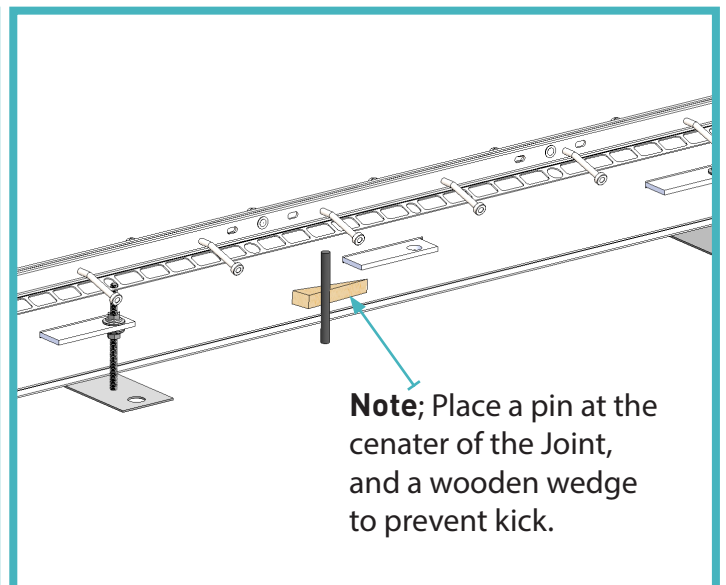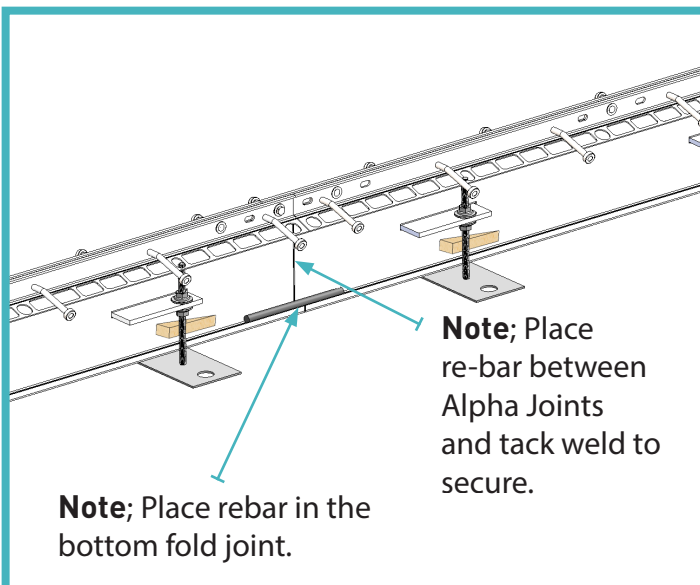**Note**; Check the joint is level in the 3 positions above.

Level

Top strip

**Note**; Once levels are checked cut the threaded bar if it sits above the top of the Joint.

Measure the vertical and horizontal level using the top strip.

**Note**; Joints must be fixed at 90°.

**Note**: Adjust the bottom nut to get the correct height.

AlphaFoot.
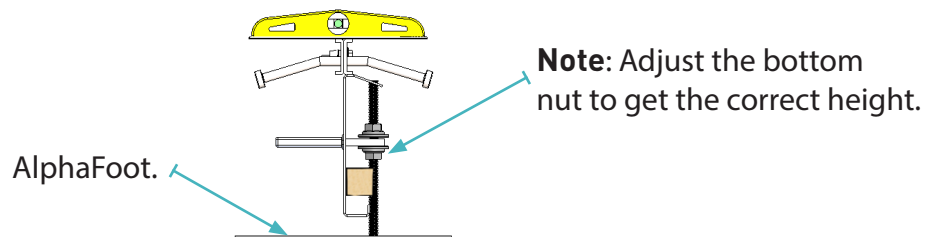
## 05 Support bars / Wedges

This method gives good support to the Joint and helps to prevent kick.

**Note**; Place re-bar between Alpha Joints and tack weld to secure.

**Note**; Place rebar in the bottom fold joint.

**Note**; Place a pin at the cenater of the Joint, and a wooden wedge to prevent kick.

## 06 Vibrate Concrete

Poker vibrate along length of the joint to compact the concrete.

Poker
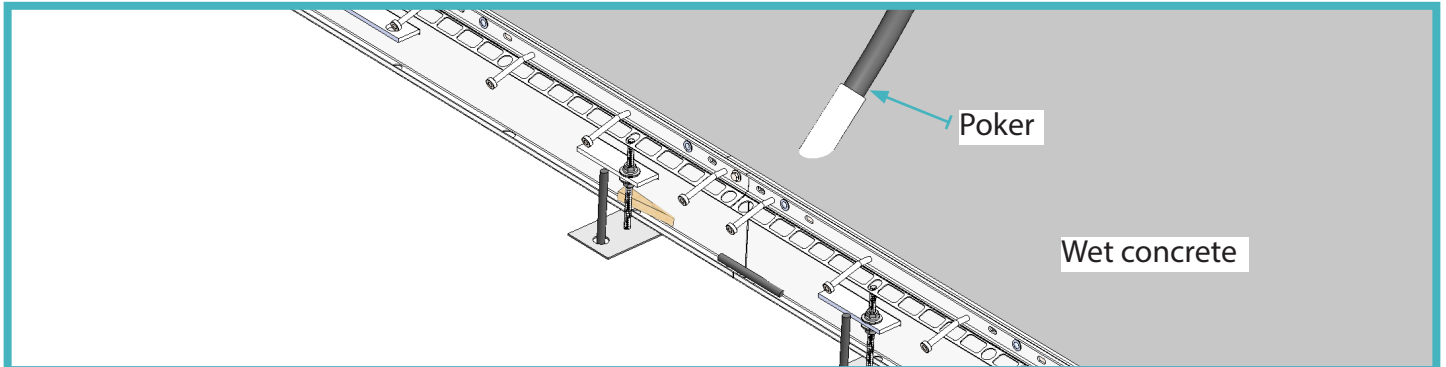
Wet concrete

## 07 Finish

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