

Permaban Signature[®]

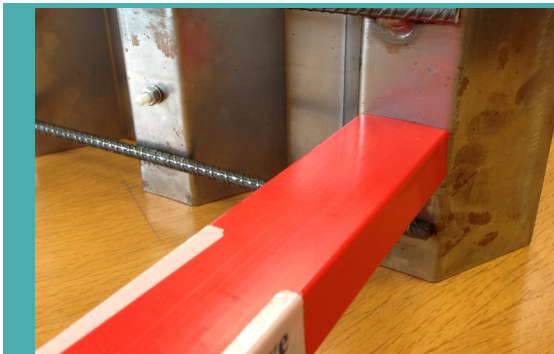
Installation Guide Issue 2.1
14/03/2013

Installation guide: pin and weld method



01 Place the joint

Place first length of Signature joint on ground in an upright position. The correct “way up” is shown opposite with the larger gap under the reinforcing bar positioned at the bottom.



02 Assemble dowel to the joint

Insert dowel bar fully through the punched hole as shown. Ensure sleeve is in contact with joint.



03 Attach the clips to the dowels

Fix dowel securely in place using the red plastic clips provided.



04 Adjust the joint

Ensure joint is straight and follows the stringline. Check the joint is level, using a spirit level. Also check the height, add wedges and adjust as necessary.

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05 Drive pins into the sub-base & weld

Position pins next to the rebar.
Start at one end, and work along the length of the joint ensuring the pins are driven below the finished slab level. Check the height, straightness and levelness once more. Then weld pins into place.



06 Remove the wedges

The first length is now secure, and the wedges can be removed.



07 Position the second length

Put the second length in place end to end to the first, and support it with wedges.
Fasten the two lengths together using the joining bolts and repeat stages 4, 5 and 6.



08 Pour the concrete in stages

Ensure the concrete is compacted along the length of the joint. There should be no air voids in the corrugations. Detailed trowelling should be done by hand. When floating, ensure any overspill is removed.

Ensure the joint is free of debris and overspill. Then pour the second side following stage 8.