

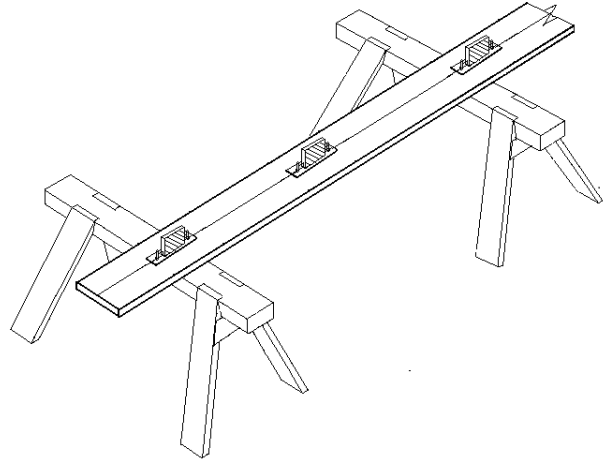
# CANZAC<sup>®</sup>

## ***SPEED PLATE*<sup>™</sup> Dowel System**

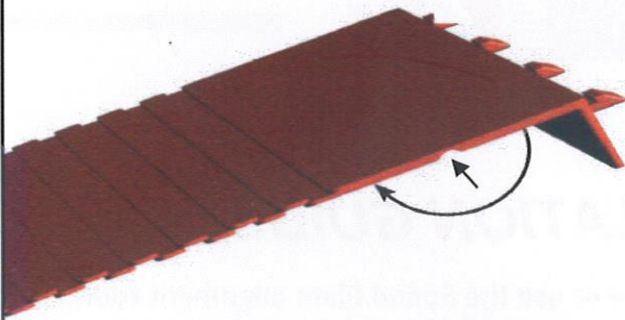
# **INSTALLATION INSTRUCTIONS**

1. Select edge form to suit the specified slab thickness.
2. Lay the edgeform on suitable supports (refer diagram below) spaced at sufficiently close centers to prevent the form from sagging.
3. Mark the longitudinal centre of the form (i.e. mark the mid thickness of the slab) with a chalk line.
4. Mark the centre to centre spacings of the ***SPEED PLATE*** dowels as specified on the drawings.
5. Accurately align the centre line markings on the ***SPEED PLATE*** sleeves with the chalk line marking and the spacing marks on the edge form, and drive home the nails. Note that all nails should be driven through the chalk line marking for accurate alignment of the dowels.
6. Install the edge form plumb with the top edge set at finished floor level.
7. Place reinforcement including perimeter trimmer bars, ensuring that bar chairs are installed at sufficiently close centers around the perimeter to rigidly support the reinforcement and to prevent the ***SPEED PLATE*** sleeves being trodden on.
8. Place concrete just clear of the ***SPEED PLATE*** sleeves and vibrate in close proximity to the sleeves to ensure all air pockets beneath the sleeves are removed and to ensure every sleeve is encapsulated in sound, dense concrete.

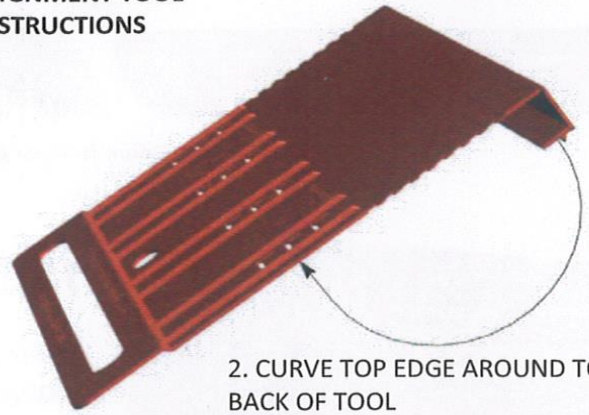
Avoid making contact between the vibrator and the sleeves.
9. Strip the edge forms after the concrete has set and bend over any protruding nails.
10. Install steel plates into sleeves and prepare for the next concrete pour.



**SPEED PLATE® ALIGNMENT TOOL  
ASSEMBLY INSTRUCTIONS**

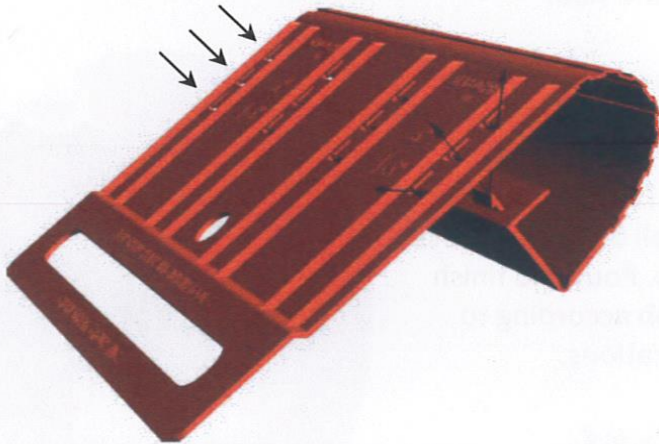


1. BEND TOP EDGE AT 90° ANGLE

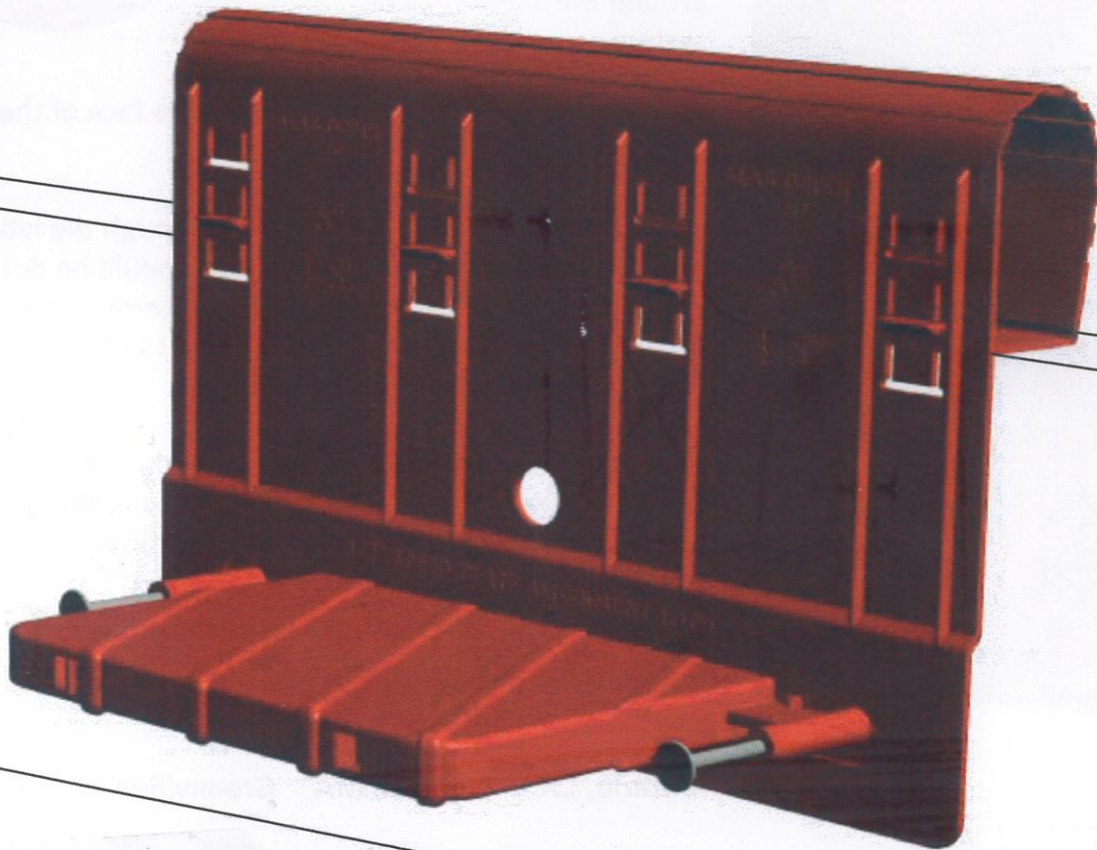


2. CURVE TOP EDGE AROUND TO BACK OF TOOL

3. SELECT SLOTS BASED ON NOMINAL SLAB DEPTH



4. INSERT TABS ONE AT A TIME



5. USE ALIGNMENT TOOL TO HOLD SPEED PLATE® TIGHT AND LEVEL AGAINST THE FORM