

# **SPEED PLATE**®

U.S. Patent Number 6,145,262 and additional patent pending

## **INSTALLATION GUIDE**

Snap a chalk line or use the Speed Plate alignment tool along the form at the desired dowel depth. Ideally, the centerline of the **SPEED PLATE** sleeve is positioned at the centerline of the slab, but is *no less* than 2 ¼" from the top of the slab.

Set forms and nail the **SPEED PLATE** sleeve to the form with the preset nails provided. **SPEED PLATE** thickness and spacing shall be per contract documents. Pour and finish the first slab according to ACI specifications.

**IMPORTANT:**  
*Use internal vibration to consolidate the concrete around the **SPEED PLATE** system.*

Strip forms and bend nails flush with the face of the construction joint.

Insert the steel **SPEED PLATE** dowel through the label and into the sleeve cavity. If possible, this should be done while the concrete is still green for easier placement. Do not use excessive force while inserting **SPEED PLATE** dowel as this could potentially damage the concrete.

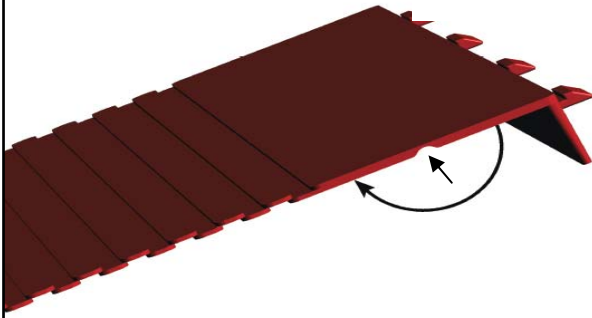
Pour and finish the adjacent slab(s), again use an internal vibrator to consolidate the concrete around the **SPEED PLATE** dowels according to ACI specifications.



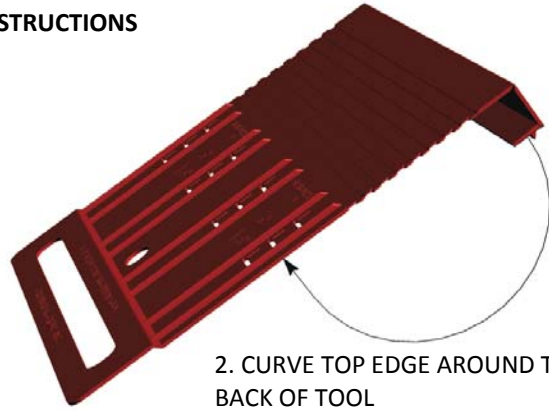
St. Louis, MO   Ontario, CA   Franklin, MA   Greenville SC



**SPEED PLATE® ALIGNMENT TOOL  
ASSEMBLY INSTRUCTIONS**

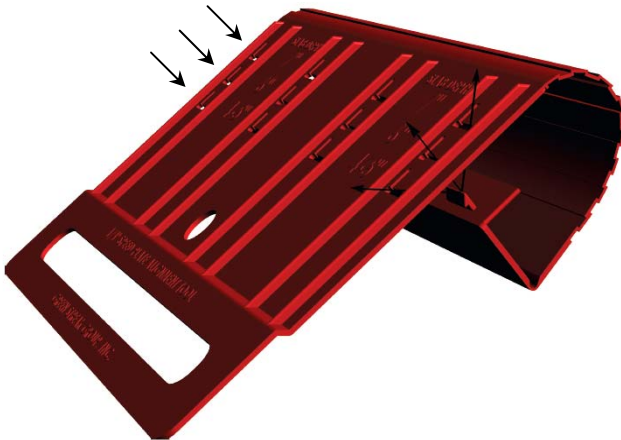


1. BEND TOP EDGE AT 90° ANGLE

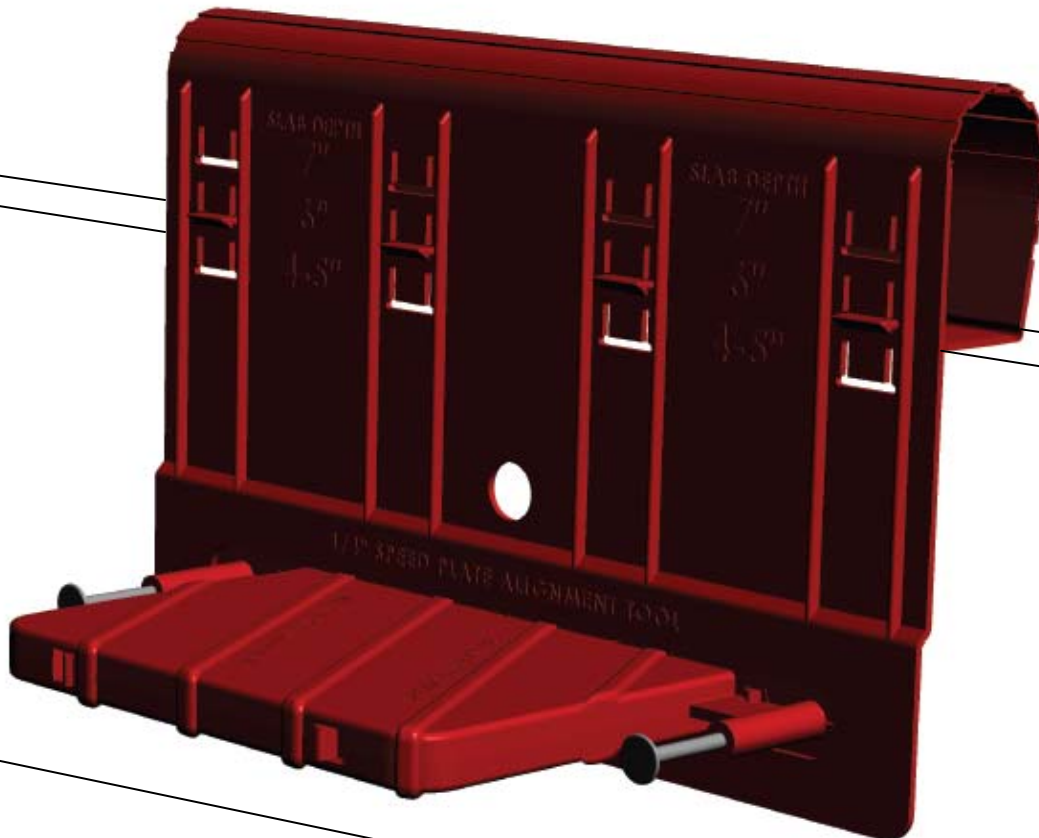


2. CURVE TOP EDGE AROUND TO  
BACK OF TOOL

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