

SPEED PLATE® INSTALLATION GUIDE

US PATENTS 5,678,952 AND 5,934,821

SPEED PLATE

INSTRUCTIONS FOR INSTALLATION

Snap a chalk line or use the SPEED PLATE® alignment tool along the form at the desired dowel depth. See the reverse side for using the alignment tool. 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.



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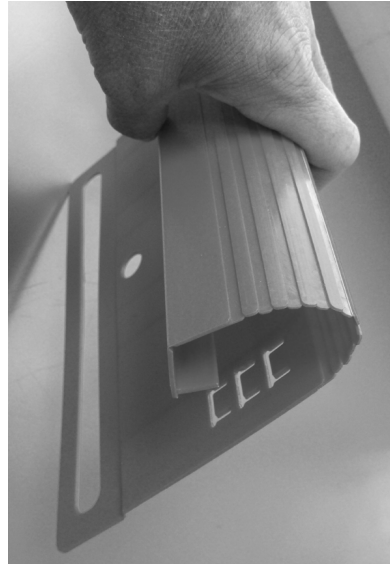
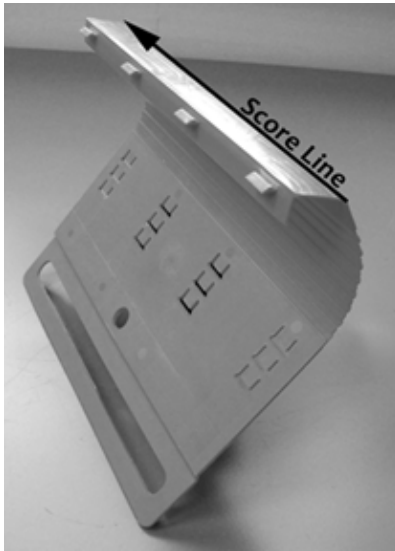
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SPEED PLATE® ALIGNMENT TOOL

BUILDING TRUST



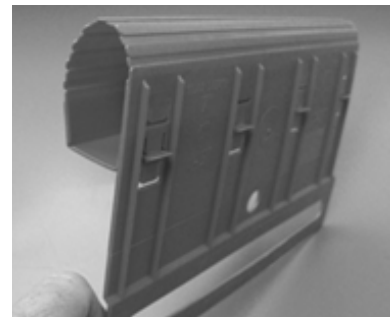
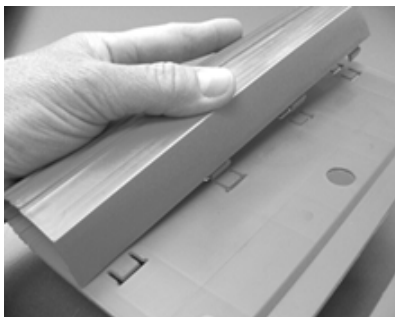
EACH BOX OF SPEED PLATE® SLEEVES CONTAINS AN ALIGNMENT TOOL



STEPS

ASSEMBLY INSTRUCTIONS

1. Bend the score line at the top of the tool to a 90° angle.
2. Curve top edge around to back of tool and select slots based on nominal slab depth. Slab depths are shown by their respective slots on the alignment tool.
3. Insert tabs one at a time into all four slots and the alignment tool is now ready to accept a SPEED PLATE® sleeve.
4. Insert SPEED PLATE® sleeve through the opening at the bottom and place assembly firmly against form board.
5. Drive preset nails into form.



ASSEMBLED SPEED PLATE®



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