

# SPEED DOWEL® INSTALLATION

## SPEED DOWEL® ON SITE INSTALLATION GUIDE

### INSTALLATION GUIDE

SPEED DOWEL base is centered in future concrete section and nailed to the wood form. At minimum ensure design concrete cover requirements are maintained.

SPEED DOWEL sleeve is placed over the SPEED DOWEL base prior to the first concrete placement ensuring proper dowel alignment. Use care when placing concrete around the SPEED DOWEL sleeves.

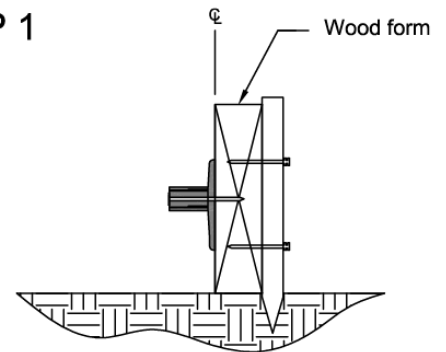
The form is stripped along with the attached reusable SPEED DOWEL base and the load transfer dowel is then inserted into the SPEED DOWEL sleeve prior to the second concrete placement. No dowel grease is required.

The unique design of the SPEED DOWEL system allows for axial movement between placements as the concrete shrinks.

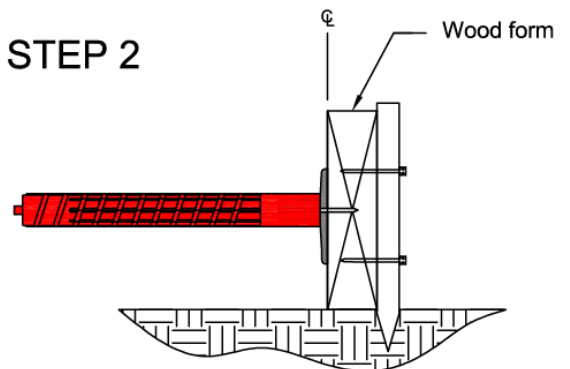
### NOTES:

- 1.) Allows the concrete to shrink axially without restraint
- 2.) Typically used in slab or wall Construction Joints
- 3.) Round dowels used in new construction and square dowels are recommended for retrofit construction
- 4.) Eliminates dowel misalignment and reduces internal stresses
- 5.) No need to drill forms (reuse of forms increased)
- 6.) Greatly simplifies form removal
- 7.) SPEED DOWEL system as manufactured by Sika (St. Louis Sales Office), (800) 325-9504

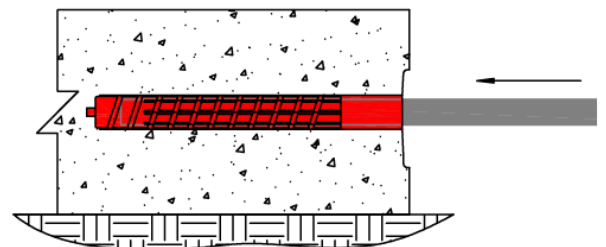
STEP 1



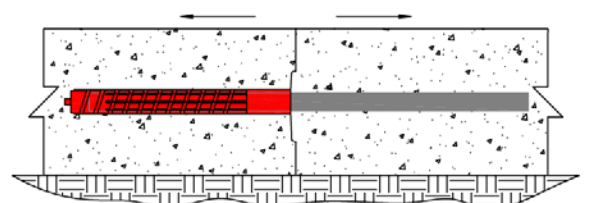
STEP 2



STEP 3



STEP 4



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