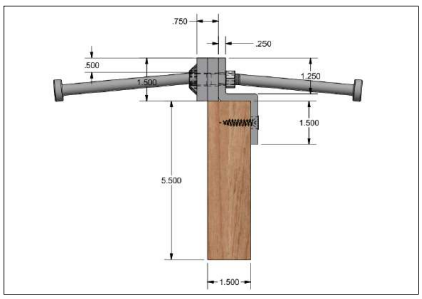
Steel Edge Nosing - Wood

Joint edge protection cast into slab using wood forms

High-traffic industrial floors and pavements require precise load transfer, smooth slab-to-slab transition and joint protection. All of these requirements are met with the Steel Edge Nosing on Wood assembly.

A complete assembly includes the steel nosing and studs for joint installations. Taper Dowels can be used separately on the wood forms at proper height and spacing.



The nosing prevents joint spalling and reduces repair costs in high-traffic areas, like warehouses and loading docks. Concrete expansion and contraction takes place as the steel plate slides within the sleeve.

The installation conforms to ACI 302.1R Guide for Concrete Floor and Slab Construction and ACI 360 Design of Slabs-on-Ground.

Steel Edge Nosing on Wood	
Part No.	**Description**
SBSENOW	SB Steel Edge Nosing on Wood - 10’

** Note: excludes wood and Taper Dowels*

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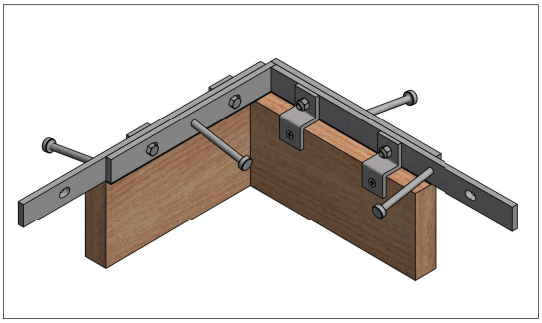
Steel Edge Nosing on Wood Installation

1. Steel Edge Nosing-Wood assemblies should be placed in the planned joint location. Dowel plates should be no closer than 6” to joint intersections.

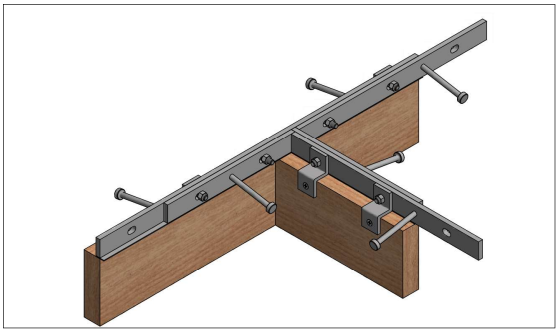
2. Steel Edge Nosing-Wood assemblies should remain plumb/parallel during placing. Position, support and tie slab reinforcement to the studs.

3. Place concrete normally, completely surrounding each dowel sleeve/ plate location. Vibration is required to properly consolidate concrete and eliminate air entrapment. Do not strike or damage sleeves/plates with the vibrator.

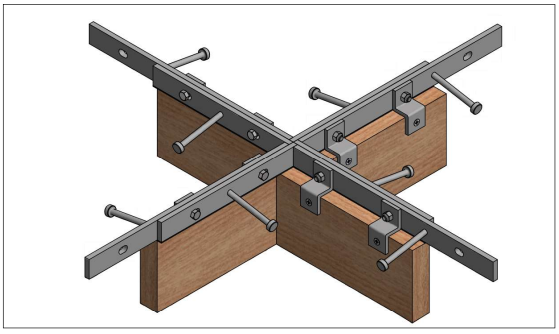
4. Steel Edge Nosing-Wood, with studs tied to the concrete slab reinforcement, provides joint edge protection and a smooth transition under load from one concrete section to another.



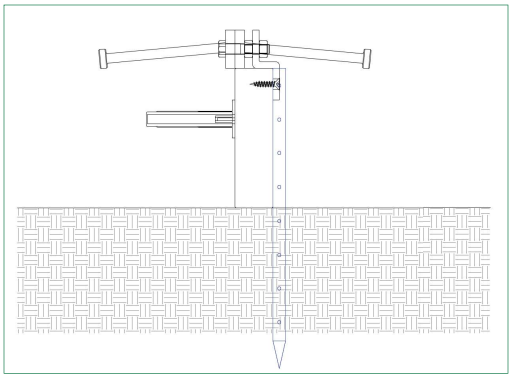
Steel Edge Nosing w/Clip - 2-Way Intersection



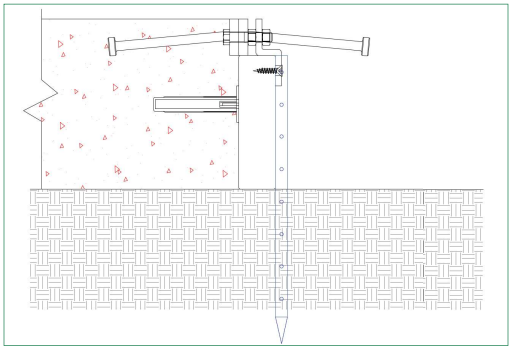
Steel Edge Nosing w/Clip - 3-Way Intersection



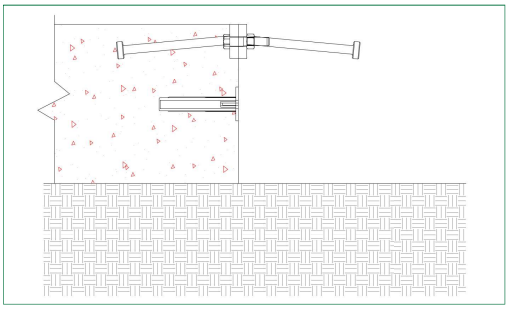
Steel Edge Nosing w/Clip - 4-Way Intersection



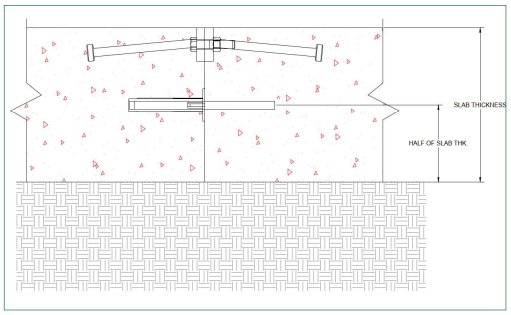
Step 1: Place wood form to height with top rail.



Step 2: Place Taper Sleeve on form. Pour concrete on one side.



Step 3: Remove wood form and fastener clip.



Step 4: Place Taper Dowel and pour other side.