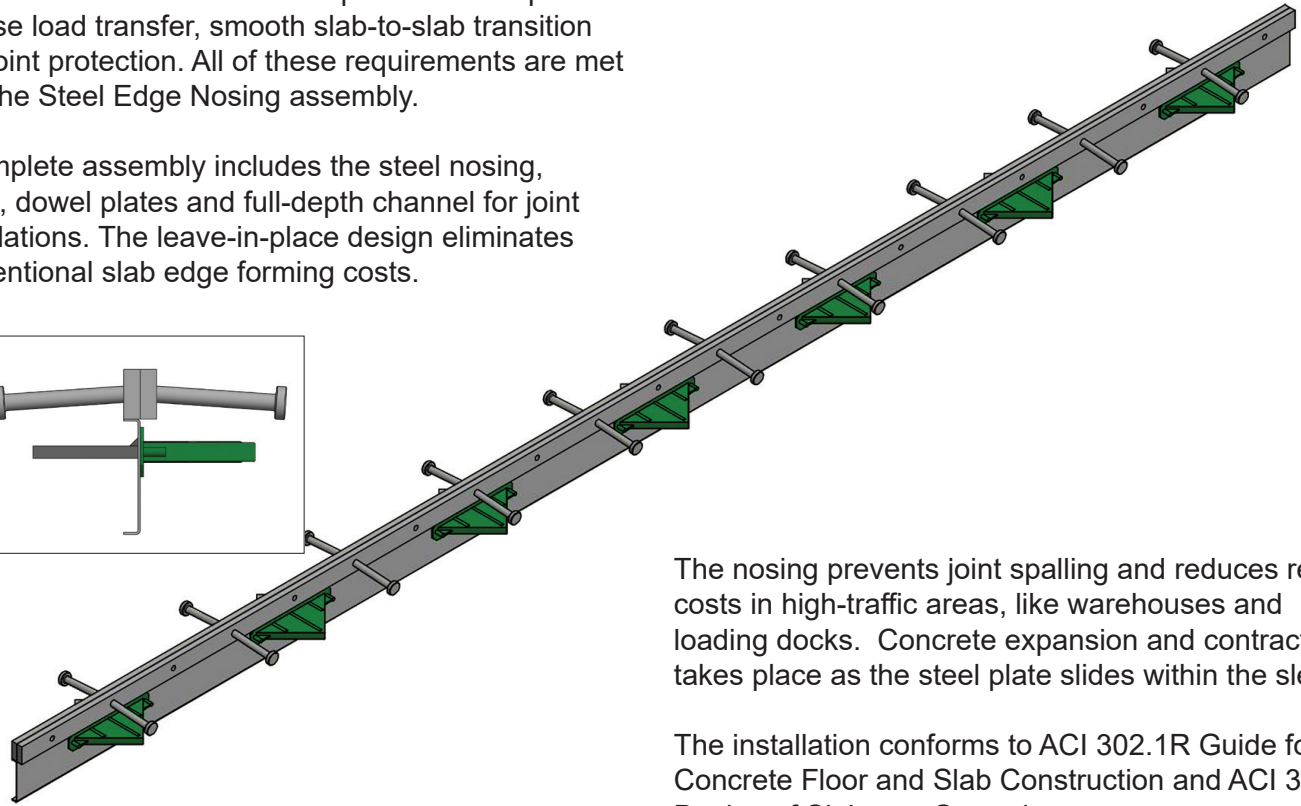
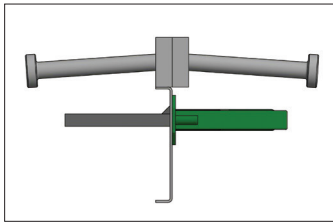


Steel Edge Nosing

Joint edge protection and integrated load transfer in a single assembly

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 assembly.

A complete assembly includes the steel nosing, studs, dowel plates and full-depth channel for joint installations. The leave-in-place design eliminates conventional slab edge forming costs.



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.

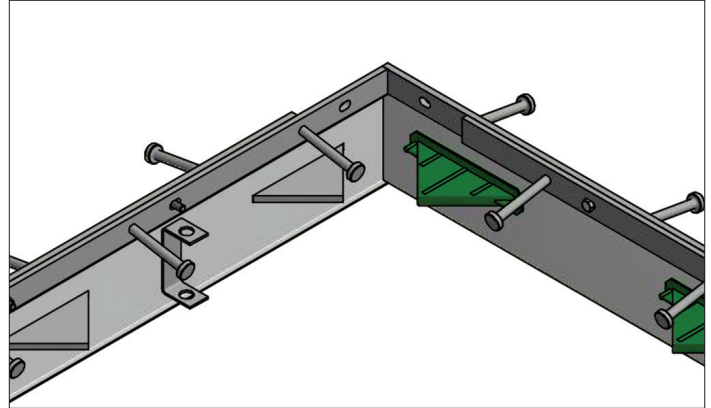
Steel Edge Nosing with Taper Dowel

Part No.	Description	Slab	Plate Size	Spacing*
SBSEN6	SB Steel Edge Nosing 6"x10'	6"	1/4" x 4-1/2" x 4-1/2"	18"
SBSEN6WC	SB Steel Edge Nosing 6"x10' w/Clip	6"	1/4" x 4-1/2" x 4-1/2"	18"
SBSEN7	SB Steel Edge Nosing 7"x10'	7"	3/8" x 4-1/2" x 4-1/2"	18"
SBSEN7WC	SB Steel Edge Nosing 7"x10' w/Clip	7"	3/8" x 4-1/2" x 4-1/2"	18"
SBSEN8	SB Steel Edge Nosing 8"x10'	8"	3/8" x 4-1/2" x 4-1/2"	18"
SBSEN8WC	SB Steel Edge Nosing 8"x10' w/Clip	8"	3/8" x 4-1/2" x 4-1/2"	18"

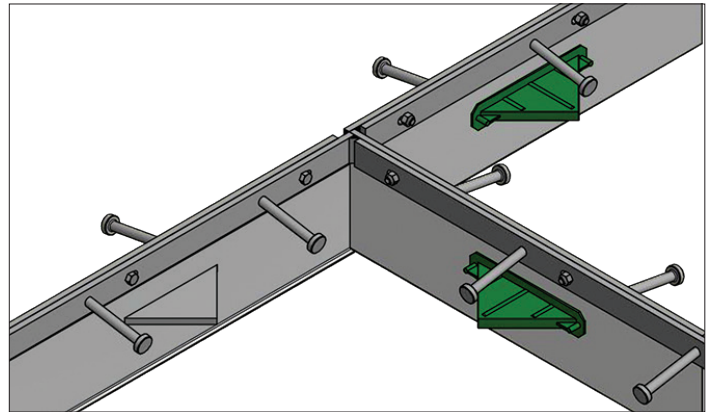
* Spacing shown based on ACI 360 Design of Slabs-on-Ground.

Steel Edge Nosing Installation

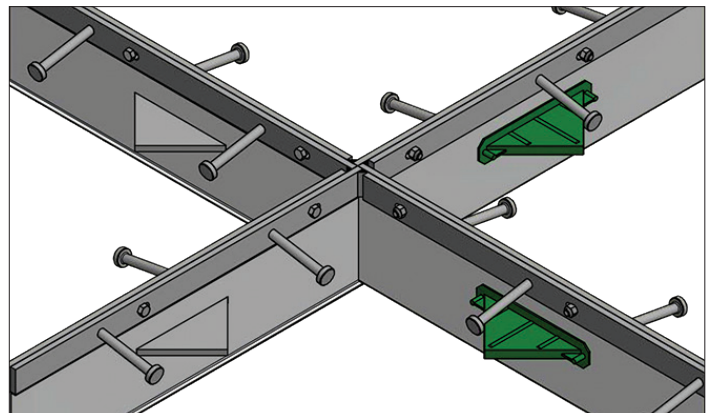
1. Steel Edge Nosing assemblies should be placed in the planned joint location. Dowel plates should be no closer than 6" to joint intersections.
2. Steel Edge Nosing assemblies should remain plumb/parallel during placing. Position, support and tie slab reinforcement to the studs.
3. Place concrete normally, 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. The Steel Edge Nosing, with studs tied to the concrete slab reinforcement, provides joint edge protection and a smooth transition under load from one concrete section to another.



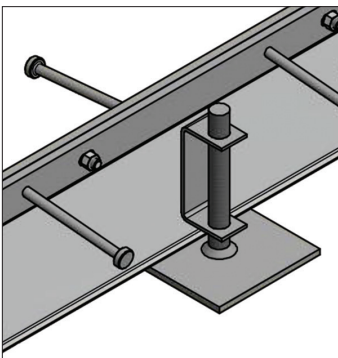
Steel Edge Nosing w/Clip - 2-Way Intersection



Steel Edge Nosing w/Clip - 3-Way Intersection



Steel Edge Nosing w/Clip - 4-Way Intersection



Optional welded Clips can be provided to support the assembly, using Steel Stakes or Base Plates (as shown).