

Engineered Stair Nose Installation Guidelines

The engineered stair nosing is designed to accommodate floors that are glued and/or nailed down from a 1/2" to 3/4" in thickness and used as a flush stair nose only. *(Any attempts to use this stair nose as an overlap nosing voids all performance warranties.)* Failure to use the proper adhesive and or nailing the stair nosing in place will likely cause a height discrepancy and possible cracking of the stair nosing. If any face-nailing is performed on a stair nosing using the approved shims, adhesive must also be used in conjunction with the nails.

The recommended adhesive for all four of the installation thicknesses, 1/2", 9/16", 5/8", and 3/4", is our Wakol MS245 adhesive. It is a zero VOC, quick setting, waterproof adhesive, which bonds to wood, metal, concrete, plastic, or drywall. Its performance is outstanding and will not require the need for any nailing to maintain its grip.

Before applying adhesive to back side of nosing or to the substrate, ensure:

- All substrates are flat
- All substrates and nosing surfaces are clean of dust and debris
- All chemicals are removed from substrate (cured/sealed concrete is acceptable)
- Temperatures are within a 55 to 85-degree range
- Moisture content or MC for all substrates is within the NWFA or ASTM acceptable range

Installation instructions based on flooring thickness:

1/2" & 9/16" Flooring, No shims needed – Nailing and adhesive are ok, however, adhesive only is recommended. Lay a minimum of 1/4" bead of adhesive in the 90-degree corner located on the back of the bullnose portion of the nosing. Lay an additional line of adhesive along the back side of the nosing. Cover within 1/2" of the front notched tongue to the 90-degree corner using a 3" repeating pattern throughout.



5/8" Flooring, Single thickness shims pre-applied – Adhesive installation only recommended. Lay a minimum of 3/8" bead of adhesive in the 90-degree corner located on the back of the bullnose portion of the nosing. Lay an additional 3/8" wavy line of adhesive in between the accommodating foam shims. **Do not place adhesive on the shims.**



3/4" Flooring, Double thickness shims pre-applied – Adhesive installation only recommended. Lay a minimum of 3/8" bead of adhesive in the 90-degree corner located on the back of the bullnose portion of the nosing. Lay an additional 3/8" wavy line of adhesive in between the accommodating foam shims. **Do not place adhesive on the shims.**



Set in place and allow five minutes to set properly. Do not walk on any newly installed stair nosing for twenty-four hours. Anticipate a yield of two 8' long stair nosings per tube of adhesive. Marking the stair nosing for one day with tape and a sign stating "DO NOT WALK ON NOSING" is suggested.

Note: Additional Adhesive may be required for proper adhesion and performance. If also nailing, pay attention to the location of the nails entering the substrate. Stay away from any riser material and keep at least 3" from the ends of the nosing. Avoid all nailing on the bullnose portion of the profile. If you must face nail, finish punching the head of the nail below the wear layer of the nosing prior to filling and/or finishing.

