# Stair Nosing Installation Guide

## Combination: Adhesive and Mechanical Fix

Aalto® | Venturi®

**Applicable Substrates:** Vinyl and Carpet Tile. Also Concrete, Stone, Ceramic, Masonry, Timber, Metal

### Advantages:

- Maximum grip. The ideal fixing method for old, porous, brittle or uneven substrates.

### Disadvantages:

- Time consuming
- Risk of damaging the substrate edge (concrete or stone paving)

### Tool Requirements:

Korb's recommended polymer adhesive, clean cloth, methylated spirits, tape measure, drill and drill bit to suit the substrate, fixings to suit the substrate, utility knife and safety management equipment.

### Substrate and Nosing Preparation: (IMPORTANT)

1. All stair treads must be clean, dry and free of dust or grease.
2. Rectify any existing damage to the tread before installing.
3. For a strong adhesive bond, wipe both the substrate and the back of the nosing thoroughly with methylated spirits.

### Mark Out:

When nosing profiles do not extend the full width of the tread, use a spacer or straight edge along one edge of the stairway (use a wall if present) so all nosing is uniform and offset an equal distance from each edge.

### Installation:

1. Complete "Substrate and Nosing Preparation" as defined above. **(IMPORTANT)**
2. Complete "Mark Out" as defined above.
3. Align the nosing in position on the tread. Drill through the existing pre drilled countersunk holes.
4. Depending on the substrate:
   **a. Concrete, stone and masonry:** hammer drill with a 6mm masonry bit. Take care when impact drilling close to the riser, as the substrate may crack or shear away.
   **b. Timber:** drill a pilot hole with a smaller bit before fastening with a self tapping screw.
   **c. Metal:** drill a pilot hole before fastening with an 8 gauge countersunk self tapping metal screw.
   **d. Carpet tile and vinyl:** cut back the existing finish so the nosing sits on the edge of the tread and fastens directly into the substrate, with the finish on the riser tucked behind the nosing turndown. (Figure 2)
5. Insert a red 6mm x 25mm plastic plug into each hole where applicable.
6. Apply Bostik adhesive (ISR70-05) generously to the underside of the nosing in a wave formation. Align the nosing over the tread, applying uniform pressure to spread the adhesive.
7. Fix the nosing securely with 40mm 8 gauge countersunk screws.
8. **Nosings with an insert** (Venturi®): once the carrier is fixed, press the insert into the carrier. The insert is fitted with double sided tape.
9. Do not walk on the nosing while the adhesive cures, as adhesive may bleed out the sides of the profile.

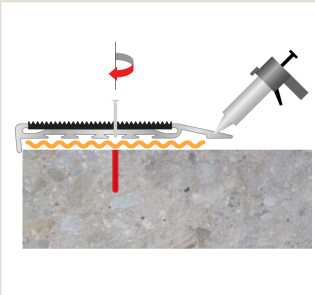

Figure 1 - Surface fixing (solid substrate)

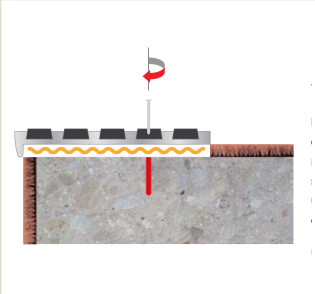

Figure 2 - Step 4d (carpet or vinyl tucked under on riser)

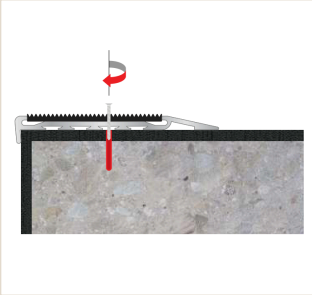

Figure 3 - Mechanical fix (through continuous vinyl over tread edge)

*Self installation is an option for most Korb products. For professional installation, contact Korb for a referral to our preferred installer network.*

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