

*VIP Solutions, LLC*



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## Non-Skid Step Tread Plate & Platform- Nosing Install Guide on other Surfaces

### Preparation for Installation

Surfaces should be clean, dry and free from oil, grease, rust, old coverings, adhesives and any other foreign substance.

It is recommended that any painting or refinishing of surface be completed prior to installation of step covers.

Surface should be of sound structure as the non-skid plate is not a weight bearing material. Worn areas, cracks, holes, depressions or any other irregularities on the surface should be repaired by filling or sealing and smoothing with an underlayment compound.

As recommended a urethane / polyurethane based adhesive /sealant when installing over wood, concrete or solid steel steps

Examples: LOCTITE PL Premium or LIQUID NAILS Heavy Duty

### Materials Required

Appropriate Personal Protection Equipment, Safety Glasses, Dust Mask, Gloves, Ear Protection, Protective Clothing, Shop Rags,  
Drill with appropriate bit – carbide bit suggested, Tape Measure / Ruler, Marking tool, marker, pen, pencil, Sandpaper, Acetone or De-natured Alcohol  
Chalk Line, Vacuum or Broom & Dust Pan, Adhesive / Sealant:  
Fasteners (see below)

### Fastener Information

\*Truss Head or Pan Head Screws Recommended

\* Wood-Use Stainless Steel 1"-1.5" long- #8 screw size, drill bit 7/64" diameter

\* Concrete –Use Masonry Screw with anchor if needed, #10 screw size, drill bit 3/16" diameter-

\* Steel- Use Stainless Steel, 1"-1.5" Self Tapping 1/4" screw size, drill bit 3/8" diameter

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### General Preparation and Conditioning

Product should be stored in a flat level dry area. Surface must be level, smooth, clean and dry. If desired paint surface before installing non-skid step covers. Product, surface and ambient temperatures must be above adhesive recommendations before installation.

### Non-skid plate-preparation

Using sandpaper, lightly scuff the underside of the step cover and remove any surface dust by wiping with denatured alcohol. This will assist with a proper bond with the adhesive. Apply adhesive in accordance with manufacturer's instructions.

### Installation over Concrete, Wood or Steel Steps

\*As recommended a urethane / polyurethane based adhesive /sealant when installing over wood, concrete or solid steel steps  
Examples: LOCTITE PL Premium or LIQUID NAILS Heavy Duty

### Surface Preparations

#### Concrete steps

Fill and patch all holes making the step surface flat and smooth. If step is bowed or nose is rounded use a cement filler to ensure the step is level. Make certain the surface is clean using an industrial cleaner. Rinse the surface thoroughly to remove any soap residue. Allow surface to dry completely.

#### Wood steps

Replace any area of the wood that is bowed or severely worn, creating a flat smooth level surface. Make sure the surface is clean using an industrial cleaner. Rinse the surface thoroughly to remove any soap residue. Allow the surface to dry completely.

#### Metal Floors

Remove any flaking rust or paint. Make certain that the steps are level and smooth. Make certain the surface is clean using an industrial cleaner. Rinse the surface thoroughly to remove any soap residue. Allow the surface to dry completely.

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### Installation over Concrete, Wood or Steel Steps (continued)

\*Place one non-skid plate on the top step and another on the bottom step. Center both non-skid plates on the steps.

Take the chalk line and stretch it from the left side of the top to the bottom of the steps and snap it. This will offer you a placement guide line for the rest of the non-skid plates.

\*Starting at the top step align non-skid plate tightly against nosing.

\*Using proper drill bit size, drill pilot holes through the non-skid plate to the surface. For uniform look, all non-skid plate should have the same drill pattern and hole placements.

**Holes should be no closer than 2" to the edge of the non-skid plate.**

Side/Edge holes should be predetermined and should not exceed a spacing of 24" between holes. As recommended a spacing of 12"-16" on center on highly traveled areas.

\*Remove the tread, using the drill with proper bit size for chosen screw, drill your pilot holes for the step. Tap each pilot hole if necessary. Clean off any drill shavings from the step.

\*Follow instructions on adhesive cartridge to ensure best results. Adhesive/Sealant should be applied to the under-side of the non-skid plate in a ½" bead around the edge approximately 1"-2" from the edge and complete with a zig-zag/serpentine pattern across the bottom of the non-skid plate.

Do not apply adhesive over the pre-drilled holes.

\*Position the non-skid plate against the step nose and carefully align the pre-drilled holes precisely with the pilot holes.

Firmly place the cover with adhesive onto the surface taking special care to not obstruct the pilot holes or to slide the cover.

\*Insert the appropriate screw and tighten until a proper fit/seal is achieved.

Clean any excess adhesive with denatured alcohol or acetone as recommended by adhesive /sealant manufacturer

### Installation ( Grated steps)

There is a Grating Clip Kit available - Includes 2"- 1/4" Truss Head stainless steel bolt, nylon nut and 2" Galvanized Grating Clip

**\*\*\*DO NOT OVER TIGHTEN OR YOU WILL CRACK THE PLATE \*\*\***

**\*\*\*cracked plates caused from over tightening will NOT be covered under the 1 year warranty\*\*\***

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### Product Maintenance

#### Initial maintenance

Remove and clean any adhesive product off the non-skid plates immediately. Wait 72 hrs. before cleaning the non-skid plates with an industrial cleaner and water.

#### Regular Maintenance

Surface can be swept to remove any loose dirt. Non-skid plates can be cleaned using a general purpose industrial floor cleaner. For caked on dirt use a stiff bristled brush with the industrial cleaner.

Please contact us with any questions regarding any of our anti-slip safety products.

VIP Solutions LLC- is not responsible for any injuries incurred while installing any of our products.