



DINO GRIP STAIR NOSING

Installation Guide

SAFETY

When installing Dino Grip Stair Nosings we would recommend that PPE (personal protective equipment) is worn.

Cutting the Stair Nosings

If you need to cut the Stair Nosings to size during your installation, we would recommend that a suitable dust mask with protective safety goggles and gloves are worn. The Stair Nosings should be cut externally or in well ventilated areas.

Dust residue can be disposed of using normal waste disposal methods. No special permissions or licenses are required.

Installation of Stair Nosings

During the installation of the Stair Nosings we would recommend that safety gloves and glasses are worn as the product has a textured anti-slip finish and whilst screwing the stair nosings into place, it is recommend that you wear safety glasses or goggles.

PREPARATION

- The stairs should be dry and clean and free from any loose and defective material.
- If there are areas that are damaged these should be repaired so that the surface is flat and even.
- Undertake a dry fit of the nosing to ensure that it sits flat and is the correct size.
- If any further trimming is required, we recommend the use of a jigsaw, preferably fitted with a tungsten carbide blade or hand grinder.
- Drill two holes at approx 600mm from the centre (should predrilled fixing points be required with countersinking, we can provide this service prior to dispatch for a small charge).

FITTING

Wooden Surfaces

To lay the stair nosings upon the surface and then use a 6mm masonry drill bit to drill the top of the gritted surface in the desired fixing locations. We would recommend that there are approximately 8 fixings per 1 metre of stair nosing; however this would depend on the usage and installation location.

Once the pilot holes have been drilled to then screw into position using the flanged stainless steel screws. Additional adhesive can be used (if require) to add extra grip to the underneath the stair nosing.

Metal Surfaces

To lay the stair nosing upon the surface and then use a 6mm masonry drill bit to drill the top of the gritted surface only

in the desired fixing locations. We would recommend that there are 8 fixings per 1 metre stair nosing. Change the drill bit to a 5.5mm metal drill bit. Use drilling compound, and then proceed to drill the metal surface under the stair nosing - the stair nosing can be kept into position during this process as you have already pre-drilled the stair nosing.

Place rivet into the hole and use a rivet gun to fix into position. Please ensure that all rivets have been compressed. Additional adhesive can be used (if required) to add extra grip to the underneath of the stair tread.

Concrete Surfaces

To lay the stair nosing upon the surface. Use a 6mm masonry drill bit to drill the top of the gritted surface and into the underlying concrete sub-base only in the desired fixing locations. We would recommend approximately 8 fixings per 1 metre of stair nosing; however this would depend on the usage and installation location. Remove the stair nosing and re-drill the concrete fixing points with an 8mm masonry drill bit.

Introduce raw-plugs into the holes in the concrete surface and place the stair nosing into place and screw into position using the flanged stainless steel screws.

Additional adhesive can be used (if required) to add extra grip to the underneath of the stair nosing.

Additional Adhesive

Whilst mechanical fixings are all that is required to secure the stair nosing, wherever possible, the application of an appropriate high strength gap filling adhesive will provide the following benefits:

A secondary fixing in the event that the mechanical fixings should fail.

A barrier against the "Drumming" noise that is created when fitting over the existing substrate. Apply a 6mm bead of high strength gap-filling adhesive around the periphery of the stair nosing and in horizontal stripes. Immediately press the stair nosing firmly to the substrate to ensure adequate transfer of adhesive. A firm bond will be achieved in about one hour under normal circumstances and conditions. Secure with the mechanical fixings and allow the adhesive sealant to cure before allowing excessive traffic to use the areas.

RECOMMENDED MECHANICAL FIXINGS

Recommended fixings based on a 1 metre Stair Nosing Over Timber

No 8 x 4.8mm x 38mm - Flanged Stainless Steel Screws Over Steel Plate

No 8 x 20mm Flanged Headed Rivets Over Concrete

No 8 x Brown Raw Plugs (or equivalent)

No 8 x 4.8mm x 38mm - Flanged Stainless Steel Screws Over Open Mesh

Stainless steel or zinc plated saddle clips and domed head bolts



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suitable in length for the depth of the existing treads.

CLEANING GUIDE AND TIPS

Whilst stair nosings are extremely resilient to dirt and contaminations it will, as with most other things, become dirty.

Dry dirt and debris can easily be removed using a stiff brush and should be carried out on a regular basis.

If the stair nosings have been subjected to spillages or the dirt has become embedded, detergents can be used. It is always advisable to test any cleaning product on the stair nosings before starting the cleaning procedure. This can be done in an inconspicuous area of the installation.

Using the detergent, warm water and a suitable brush; scrub the affected areas until clean. This can then be washed off with clean water or by using a power washer.

Where circumstances allow, the stair nosings can be power washed without causing harm. Care should be taken when the stair nosing has been stuck down and / or edge sealed as very high pressure power washing or repeated power washing could cause damage to sealants and adhesives.

GENERAL ROUTINE MAINTENANCE

The security of the fixings / adhesives should be checked on a regular basis. Circumstances will vary, based upon the volume of foot traffic etc. but, as a guide, monthly inspections would be advisable in high trafficked areas.