

NOSINGS INSTALLATION GUIDE AND TIPS

Safety

When installing the Nosings, standard personal protective equipment should be worn as a minimum. These include 3M dust mask (or similar), safety goggles, heavy duty gloves and overalls. The nosings should be cut in a well ventilated area or close to extraction points. Dust residue can be disposed of using normal waste disposal methods. No special permissions or licences are required.

Preparation.

Ensure that the areas that are to have the Nosings fitted are clean and dry and free from loose and friable material. Any "dished" or damaged surface areas should be patch repaired to provide a reasonably flat and consistent surface.

Dry fit all Nosings to ensure that they fit freely and that they sit flat down on to the surface. If required, the Nosings can be trimmed on site to suit using an industrial jigsaw and appropriate cutting blades (Bosch "T101 A1F" or similar are ideal).

Drill the fixing locating holes in all the panels. Whilst individual circumstances will vary, the following can be used as a guide:

Screw fixings

If you plan to fit the product using screw fixings the following applies. Drill two holes on each side of the Nosing profile, approx 50mm in from each edge and centred on the top edge. Whilst different sizes of the Nosing will determine the exact amount of fixings required a guide would be to drill holes approximately 300mm in from the two holes drilled at each end and then every 300mm-400mm. Marking out in pencil will enable you to achieve evenly spaced drill holes as close to 300mm as possible. Use the first drilled profile as a template for the other panels so as to achieve some form of uniformity.

Fitting the Panels.

Whilst mechanical fixings are all that is required to secure the Nosings, wherever possible, the application of an appropriate high strength gap filling adhesive (Webbgrip or similar) will provide the following benefits:

- A) A secondary fixing in the event that the mechanical fixings should fail.
- B) A barrier against the "drumming" noise that is created when fitting a nosing over the existing substrate.

Apply a 6mm bead of the high strength gap-filling adhesive along the underneath of the profile on the largest edge, approximately 10mm in from the back edge, running it the whole length of the profile. Immediately press the panel 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.

Over Timber.

30mm zinc plated or stainless steel screws.

Over Steel Plate.

20mm self-tapping pan head Pozi stainless steel screws.

Or

20 self-drilling pan head Phillips zinc plated screws.

Over Concrete.

30mm zinc plated or stainless steel impact anchors (Hilti HPS-1 or similar).

Over Open Mesh.

Stainless steel or zinc plated saddle clips and domed head bolts suitable in length for the depth of the existing treads.

Just Adhesive fixings

The Nosings can be fixed without the need for mechanical fixings. Gap filling adhesives can be used although careful consideration should be given when just using this adhesive. For use on high traffic and outside areas a polyurethane adhesive sealant is recommended. This adhesive should be applied in the same way as the application of the gap filling adhesive above (B). Once installed do not allow the stairs to be used for a minimum of 24 hours. Regardless of the cure time, DO NOT put the steps back into service until all nosings have been checked and confirmed as secure. 3M 5200 FC is recommended, data sheets are available on request.

Cleaning & Maintenance.

In order to maintain the effectiveness of the grit surface with regard to slip resistance, it is very important that the top surface is kept clean. Individual circumstances will vary but, generally a stiff hand brush and hot soapy water will achieve good results. Mild detergents can be used safely on the product but it is advisable to test any cleaning products first. Rather than risk damaging the fitted product, please call our sales office and request a free of charge sample to be dispatched to you.