

Classic Tredfx Stair Nosings

Installation Guide

Preparation

All surfaces should be flat, free from dust, paint, grease and moisture. Prepare the surface to be as smooth as possible. Any irregularities* must be corrected before installation of the stair nosing profile.

NOTE: It is imperative that damaged and worn treads are repaired using a suitable structural filling compound.

Layout

Layout the stair nosing profiles on the stairs, or use a straight edge or string line to ensure that all the stair nosings are properly centred on the steps, with the edges aligned. If required, trim the profiles using a drop saw with a high speed tungsten carbide blade.

NOTE: We strongly recommend allowing approx. 50mm gap from each end of the stair nosing profile to the stair stringer/walls, and also expansion gaps at approx. 3 metre intervals (where the nosings are in a long run) to assist with possible thermal expansion, and to allow for water egress.

Please check the product supplied, and read the entire instructions before starting any installation, then follow the steps

All Tredfx aluminium stair nosings that feature concealed fixings are supplied with screw holes pre-drilled and countersunk. There is two screw holes drilled (one towards the front and one towards the back of the nosing) at 250mm intervals. One screw is supplied per every 250mm of nosing.

NOTE: Do not put a screw in every hole, only one screw per 250mm. Recommended installation method is to install the stair nosings with the screws in a staggered pattern (one screw in front hole, one screw in back hole, repeating). If in doubt as to correct installation methods, contact our customer service team on 1300 244 377.

Installation

Mechanical Fixings

For concrete, timber, tiled, masonry, carpeted/metal substrates

1. Using the pre-drilled stair nosings as templates, mark the hole locations on the step by spotting with a drill. Alternatively, we suggest fixings approximately 300mm apart, alternating between the middle and back of the profile. (Fig A)

2. Remove the nosing and drill the holes into the step (stair nosings are supplied with fasteners - please check application and fasteners first).

NOTE: In the case of tiled or masonry stairs, extreme care must be taken to ensure step edge does not crack or shatter. In the case of timber or metal stairs, drilling a pilot hole with a smaller drill bit may be necessary.

3. Once the holes have been drilled, ensure all surfaces are thoroughly clean and free of dust. (Fig B)

4. Insert plugs into holes and apply structural adhesive (e.g. Tredfx CA290 adhesive) to underside of stair nosing profile (2 or 3 beads to the riser edge and beside screw holes along the entire length) to cushion any step variance and to prevent the nosing from rocking. (Fig C)

5. Place nosing down onto step and firmly screw into place using the screws provided. The stair nosings must be firm and the fasteners flush. (Fig D & E)

6. Once the stair nosing base has been securely and satisfactorily installed, the slip-resistant inserts can be fitted into place. Refer to the specific method, which applies to your application.

Installation

Mechanical Fixings

For carpeted substrates

1. For best results, remove both the carpet and the underlay from step edge, and install the stair nosing with the rear gripper section overlapping the carpet. A packer may be required to raise the carpet thickness.

2A. Where the stair nosing is designed to be installed over broadloom type carpet (i.e. Tredfx PBC102), use the pre-drilled stair nosing as a template to mark the fixing positions on to the carpet, then punch holes out of the carpet using a suitable wad punch.

2B. Where installing a nosing to suit carpet tiles (i.e. Tredfx PBD106), trim back the tiles to suit the width of the profile.

3. Mechanically fix stair nosings into substrate following each prescribed procedure for either concrete or timber stairs.

4. Once the stair nosing base has been securely and satisfactorily installed, the slip-resistant inserts can be fitted into place. Refer to the specific method, which applies to your application.

NOTE: If the stair nosings are fitted over the carpet, it is very important that they are securely fixed down, as carpet can compress over time, loosening the fasteners.

Installation

Adhesive Fixing

For stone, tiled, masonry, timber substrates

1. Ensure that all surfaces are thoroughly clean. (Fig F)

2. Apply structural adhesive (e.g. Tredfx CA290 adhesive) to underside of stair nosing profile (at least 3 or 4 beads along the entire length including the riser edge) to cushion any variance and to prevent nosing from rocking. (Fig G)

3. Place nosing down onto step and firmly tap with rubber mallet to ensure good adhesion and to displace any trapped air.

4. The stair nosings must be a firm, flush finish. Ensure the stair nosings are securely held to the step edge using tape or weights, and are free of all traffic until the adhesive has achieved its full cure (allow 24 hours).

5. Once the stair nosing base has been securely and satisfactorily installed, the slip-resistant inserts can be fitted into place. Refer to the specific method, which applies to your application.

Install Slip-resistant Poly Inserts (where supplied)

1. Pre-cut the insert approximately 30mm longer than required for the stair nosing.
2. Carefully peel off the adhesive backing strip (Fig H) and start to mould the insert into place. Do not stretch the insert.

NOTE: It is extremely important that the insert is relaxed when being installed. If the insert is stretched, it may in time shrink/return to its original size and be too short.

3. Once insert has been fitted, carefully trim off the excess with a sharp knife so that it is flush with the end of the nosing.

NOTE: If the stair nosings are fitted over the carpet, it is very important that they are securely fixed down, as carpet can compress over time, loosening the fasteners.

Install Slip-resistant Gritted / Aluminium Style Inserts (where supplied)

1. Carefully peel off the adhesive backing strip (Fig H) and start to fit the insert into place.
2. Once the insert is fully into the base, firmly tap with rubber mallet to ensure good adhesion and displace any trapped air to achieve a firm, flush finish.
3. The stair nosings must be a firm, flush finish. Ensure the stair nosings are securely held to the step edge using tape or weights and are free of all traffic until the adhesive has achieved full cure (allow 24 hours).

NOTE: This information is offered as a general guide only and specific advice should always be sought from a reputable and accredited stair nosing installer before undertaking any installations.

Whilst Classic Architectural Group has made every effort to ensure the accuracy and effectiveness of this information, it makes no representation as to the accuracy or effectiveness of the information and takes no responsibility for any loss, damage or injury which may be caused as a direct or indirect result of the use of this information.

