



QUARTZGRIP™ STAIR TREAD COVERS, NOSING & ANTI-SLIP PLATE INSTALLATION GUIDE

Preparation

Before fitting check that the area is clean, dry, and free from any loose and defective material. Any pitted or damaged areas should be locally repaired to provide a reasonably flat and even surface. Dry-fit the stair tread cover or nosing to ensure a comfortable fit, and to ensure that they sit flat to the surface. If any localised trimming is required, we recommend the use of a Jigsaw, preferably fitted with a tungsten carbide blade (**Bosch T141 HM or similar**). Stair tread covers, Landing Covers and nosing can be cut to your required dimensions, with fixing points, pre-drilled and counter-sunk prior to despatch. Exact dimensions should be supplied at time of order.

Stair Tread Covers

Drill two holes on each side of the tread. The first hole should be around 50mm in from the back edge, on the left hand side of the stair tread cover. The second hole should be drilled 50mm in from the side, parallel to the yellow hazard strip. Repeat for the right hand side of the tread. Additional fixings can be applied if necessary at 600mm centres for larger treads. Handy hint: Using the first drilled tread cover as a template, thereby ensuring conformity for drilling the rest of the panels.

Stair Tread Nosings

Fixing points required at approximately 600mm centres.

GRP Anti Slip Landing Covers

All fixing points to be approximately 15mm inboard from the edge, & at 600mm centres. Additional fixings down the middle of the panel, again at 600mm centres will ensure a smoother fit to the substrate.

Panel Fixing

Whilst conventional mechanical fixings are all that are required to secure the stair tread covers, nosing and landing covers to the substrate, the application of a suitable, high strength gap filling adhesive will provide additional benefits. The high strength gap filling adhesive represents a second line of defence in the event of mechanical fixing failure, as well as providing an effective cushion between the cover and the substrate, which can reduce the "drumming" or vibration between the two layers.

A range of high strength Gap Filling Adhesives for both interior and exterior applications are available. Please contact us for more information.

When applying the gap filling adhesive, first run a 6mm bead around the perimeter of the panel, and then horizontally across the panel at approximately 200 – 250mm centres. The stair tread cover, nosing or landing panel should then be placed immediately onto the substrate, to ensure adequate transfer of the adhesive. Under normal conditions, the glue will set within 1 – 2 hours to provide a firm bond. The mechanical fixings can then be applied. The panels should then be left for 12 – 24 hours before use, preferably longer in heavy traffic areas.

Recommended Mechanical Fixings

Timber – 30mm x 5mm BZP or Stainless Steel Screws

Steel Chequer Plate – No 8 x 20mm Self tapping pan head pozi A4 stainless steel, or BZP screws.

Concrete – 30mm x 5mm BZP or A4 Stainless Steel Impact anchors (Domed head)

Open Mesh Grating – Stainless Steel "M" Saddle Clips with domed headed or counter sunk bolts to suit the appropriate grating thickness, and a 50 x 50mm square washer.

High Strength Gap filling Adhesive usage guide.

We suggest allowing 1 no. 310mm tube of adhesive to fix any of the following items:

5 No. 600mm Tread Covers or 3 No. 1000mm Tread Covers or 2 No. 1500mm Tread Covers

2 No. 1220 x 1220mm or 1 No. 2440 x 1220mm Landing Covers

12 No. 1000mm or 8 No. 1500mm Lengths of Stair Nosing