

STAIR TREADS AND FLAT SHEET INSTALLATION GUIDE AND TIPS

Safety

When installing Stair Treads & Flat Sheet 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 products 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 either the Stair Treads or Flat Sheet 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 panels to ensure that they fit freely and that they sit flat down on to the surface. If required, the products 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:

Stair Treads.

Drill two holes on each side of the stair tread cover, one approx 15mm in from the back edge and 15mm in from the side. The second one should again be approx 15mm in from the side and in line with black and yellow dividing line. Use the first drilled panel as a template for the other panels so as to achieve some form of uniformity.

Landing Covers.

The front edge fixing points should again be approx. 15mm in from the side and in line with the black and yellow dividing line. The remaining fixing points should be 15mm in from the edges and at approx. 600mm centres.

Flat Sheets.

Drill holes, 15mm in from all edges at approx. 600mm centres. Depending on the width of the panels it may be necessary to provide fixing points, again at 600mm centres, down the middle of the panels. This information is merely a guide, for surface that are not level etc. the fixing centres may need to be reduced accordingly.

Fitting the Panels.

Whilst mechanical fixings are all that is required to secure the panels, 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 cover over the existing substrate. Apply a 6mm bead of the high strength gap-filling adhesive around the periphery of the panel and in horizontal stripes at approximately 200mm centres. 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.

No 8 x 30mm zinc plated or stainless steel screws.

Over Steel Plate.

No 8 x 20mm self-tapping pan head Pozi stainless steel screws.

Or No 8 x 20 self-drilling pan head Philips zinc plated screws.

Over Concrete.

No 8 x 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

If you have any queries or simply require some advise, please feel free to call our help line on 0870 2424862 email support@ddashop.com