



# DINO GRIP FLAT SHEET

## Installation Guide

### SAFETY

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

#### Cutting the Flat Sheet

If you need to cut the Flat Sheet to size during your installation, we would recommend that a suitable dust mask with protective safety goggles and gloves are worn. The Flat Sheet 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 Flat Sheet

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

### PREPARATION

Dino Grip would recommend that the surface is firstly swept and cleaned ensuring that the surface is suitable to receive the Flat Sheet.

### INSTALLATION

#### Wooden Surfaces

To lay the Flat Sheets 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 20 fixings per Flat Sheet; 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 Flat Sheet.

#### Metal Surfaces

To lay the Flat Sheet 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 20 fixings per sheet. Change the drill bit to a 5.5mm metal drill bit. Use drilling compound, and then proceed to drill the metal surface under the Flat Sheet - the Flat Sheet can be kept into position during this process as you have already pre-drilled the Flat Sheet. Place rivet into 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 Flat Sheet.

#### Concrete Surfaces

To lay the Flat Sheet 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 20 fixings per Flat Sheet; however this would depend on the usage and installation location. Remove the Flat Sheet 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 Flat Sheet 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 Flat Sheet.

#### Additional Adhesive

Whilst mechanical fixings are all that is required to secure the Flat Sheet, 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 Flat Sheet and in horizontal stripes at approximately 200mm centres. Immediately press the Flat Sheet 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

##### Over Timber

No 20 x 4.8mm x 38mm - Flanged Stainless Steel Screws

##### Over Steel Plate

No 20 x 20mm Flanged headed rivets

##### Over Concrete

No 20 x Brown Raw Plugs (or equivalent)

No 20 x 4.8mm x 38mm - Flanged Stainless Steel Screws

##### Over Open Mesh

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

### CLEANING GUIDE AND TIPS

Whilst Flat Sheets 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.



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If the Flat Sheets 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 Flat Sheets 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. The excess water can be removed using a wet/dry vacuum cleaner or power washer.

Where circumstances allow, the Flat Sheet can be power washed without causing harm. Care should be taken when the Flat Sheet 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.