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## Fiber Glass Deck Plate Installation Guide

### Preparation for Installation

Surfaces should be clean, dry and free from oil, grease, rust, old coverings, adhesives and any other foreign substance. It is recommended that any painting, staining or refinishing of surface be completed prior to installation of the deck plates. Surface should be of sound structure as the FRP panel is not a weight bearing material. Worn areas, cracks, holes, depressions or any other irregularities on the surface should be repaired by filling or sealing and smoothing with an underlayment compound. Surface should be flat with no raised fasteners or obstructions.

### Materials Required

Appropriate Personal Protection Equipment  
Safety Glasses, Dust Mask, Gloves,  
Ear Protection, Protective Clothing, Shop Rags  
Drill with appropriate bit – carbide bit suggested  
Tape Measure / Ruler  
Marking tool, marker, pen, pencil  
Sandpaper  
Acetone or De-natured Alcohol  
Vacuum or Broom & Dust Pan  
Adhesive / Sealant  
Fasteners (see below)

### **Fastener Information**

*\*Truss Head or Pan Head Screws Recommended*

SUBSTRATE		FASTENER RECOMMENDED	
Wood		Stainless Steel Modified Truss Head, 1.25" long	
Concrete		Stainless Steel Truss Head, 1.5" long with Anchor	
Steel		Stainless Steel Truss Head, 1.5" long	

SCREW SIZE
#8
#10
#10"

## Installation on to Solid Surface

### **Where to Install**

Install deck strips on any smooth dry surface. Using a combination of construction adhesive and mechanical fasteners will ensure a secure installation of your Fiber Glass Deck Plates.

Sure-Foot Industries recommends a urethane / polyurethane based adhesive /sealant.

Examples: ***LOCTITE PL Premium or LIQUID NAILS Heavy Duty***

- Determine placement of panels. Using proper drill bit size, drill pilot holes through the panel into the surface. **Holes should be no closer than 1” to the edge of the panel.** Side / Edge holes should be predetermined and should not exceed a spacing of 18 inches between holes. Sure-Foot recommends a spacing of 12” on center on highly traveled areas. Use proper anchor to achieve fastening to surface.
- Using sandpaper, lightly scuff the underside of the panel and remove any surface dust by wiping with denatured alcohol & allow to dry. This will assist with a proper bond with the adhesive. Apply adhesive in accordance with manufacturer’s instructions.
- Apply a ½” – ¾” bead of adhesive to the underside of the cover, approximately 1-2” from the edges.
- Do not apply adhesive over the Pre-Drilled Holes.
- Position the Deck Plate and carefully align the pre-drilled holes precisely with the pilot holes.  
Firmly place the piece with adhesive onto the surface taking special care to not obstruct the pilot holes or to slide the cover.
- Insert the appropriate screw and tighten until a proper fit/seal is achieved.  
Clean any excess adhesive with denatured alcohol or acetone as recommended by adhesive /sealant manufacturer

All deck plates are made to customer specifications. If additional cutting or trimming is required, we recommend the use of proper Personal Protection Equipment and cut / trim with a high-speed diamond or carbide tipped blade.

## **Product Maintenance**

### **Initial Maintenance**

Remove and clean any adhesive product off the treads immediately. Wait 72 hours before cleaning the treads with an industrial cleaner and water.

### **Regular Maintenance**

Surface can be swept to remove any loose dirt. Plates can be cleaned using a general purpose industrial floor cleaner. For caked on dirt, use a stiff bristled brush with the industrial cleaner. Sure-Foot Deck Plates products can be pressure sprayed up to 1000 psi

#### **⚠ WARNING**

Warning: Drilling, sawing, sanding or machining fiberglass can expose you to fiberglass dust that contains styrene, a substance that is known to the State of California to cause cancer. Avoid inhaling fiberglass dust. For your protection, Proper use of Personal Protection Devices are recommended. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)



Please feel free to contact Sure-Foot Industries Corp. with any questions regarding this or any of our additional anti-slip safety products.

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*Sure-Foot Industries Corporation is not responsible for any injuries or death incurred while installing any Sure-Foot Industries Corporation products.*