

# Step covers Installation and Cleaning Guide

Real Safety Step Covers are installed over existing steps using mechanical fasteners, urethane adhesive or tack-welding.

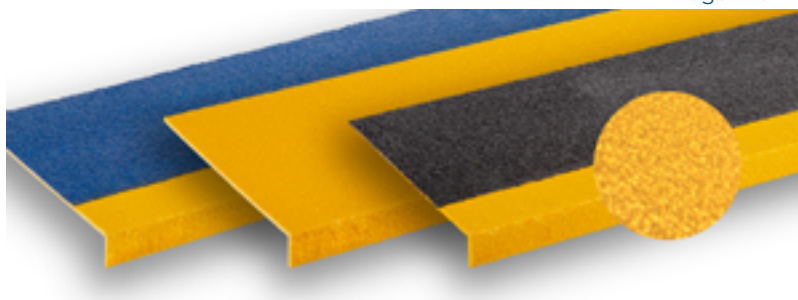
## Installation

Our covers are non-load bearing, and are pre-fabricated for quick and easy installation over existing surfaces including concrete, metal, fiberglass, steel or aluminium plate, Diamond, Checkerplate and composite grating, wood and tile surfaces.

Depending on the base material of construction and surface to be covered, mechanical fasteners, urethane adhesive and tack-welding can be used.

Pre-drilling holes are available to aid in the process.

<p><b>Mechanical Fasteners:</b></p>	<p>Using Saddle Clip Assemblies, Self-Tapping Screws, Self-Drilling (tek) Screws, Masonry Fasteners or Rivets.</p> <ol style="list-style-type: none"> <li>1. Position the Step Cover. Note any impediments to the fasteners in the substrate that will require adjustment to their position.</li> <li>2. Drill appropriately positioned holes in the back of the Step Cover. Holes must be drilled from the REAR and be at least 1/2" from the edge. The holes should be somewhat larger than the barrel of the screw to allow for any significant difference between the coefficient of expansion of the Step Cover and the substrate.</li> </ol> <p><b>For example:</b></p> <table border="0"> <tr> <td># 8 x 1" Screw</td> <td>Use 7/32" Diameter drill bit</td> </tr> <tr> <td># 10 x 1 - 1/2" Screw</td> <td>Use 9/32" diameter drill bit</td> </tr> <tr> <td>1/4" Bolt</td> <td>Use 3/8" diameter drill bit</td> </tr> </table> <p>TiAIN (titanium aluminium nitride) drill bits are recommended, especially for stainless steel.</p> <p>Alternatively, solid carbide drills designed specifically for stainless application could be used. All fasteners should feature low profile heads.</p> <ol style="list-style-type: none"> <li>3. Drill holes in the substrate corresponding to those drilled in the Step Covers.</li> </ol>	# 8 x 1" Screw	Use 7/32" Diameter drill bit	# 10 x 1 - 1/2" Screw	Use 9/32" diameter drill bit	1/4" Bolt	Use 3/8" diameter drill bit
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<p><b>Self Drilling (tek) Screws:</b></p>	<p>Each screw works like a drill to create its own hole, then it taps a thread and fastens the Step Cover.</p> <p>Use a standard power driver. Position the Step Cover and drill from the top through the Step Cover and into the substrate.</p>						



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<p><b>Adhesive:</b></p>	<p><b>Use a quality adhesive.</b></p> <p><b>1. Prepare surfaces.</b> All surfaces to be fastened with the adhesive must be clean, dry and dust free. Any coating, over which Step Covers are to be installed, should be firmly bonded to the surface. If not, it should be removed. If the coating is firmly bonded, it should be lightly abraded, using a Scotch-Brite pad (or similar type) until the surface shine is dulled. The contact point for adhesive on the underside (back) of the Step Cover should also be sanded lightly.</p> <p><b>2. Apply the adhesive</b> to the back of the Step Cover around the perimeter, approximately 1" in from the edge. For larger Step Covers, apply adhesive in the shape of an "X" from corner to corner. Position the Step Cover adhesive side down and firmly press into place. The non-slip surface will be uppermost. Allow 24 hours for the adhesive to cure.</p> <p><b>CAUTION:</b> Adhesive is difficult to remove from the rough, gritted surface of the Step Covers.</p>
<p><b>Cut to size service:</b></p>	<p>Real Safety offers cut-to-size service for this product. When you place your order, inform the technical advisor that you intend to install the product yourself and we will tailor the order to meet your specific requirements.</p>
<p><b>Cleaning:</b></p>	<p>Regular cleaning will keep your step covers free of debris and looking new. Most household methods can be used such as detergents and mild degreasers - provided that they are diluted with water and immediately hosed off with water. For stubborn deposits, use a stiff bristle brush. High pressure cleaning may be used in an industrial environment.</p> <p><b>CAUTION: Do not use mops. The gritted surface will catch and retain fibres.</b></p> <p><b>Solvents are not generally recommended. If necessary, mild solvents may be used provided they are diluted and immediately hosed off with water.</b></p>
<p><b>Snow and Ice Removal:</b></p>	<ol style="list-style-type: none"> <li>1. Brooms will remove loose snow.</li> <li>2. Plastic shovels are suitable for top layers of heavy snow accumulation. Do not use metal shovels, scrapers and wire brushes.</li> <li>3. Use salt, calcium chloride or other melting agents on compacted snow and ice.</li> </ol>



Example showing before and after high pressure cleaning