Installation and cleaning guide

Ladder Rung Covers

Real Safety's Ladder Rung Covers are not load bearing. The profiles are sold for installation over existing surfaces including Steel, Aluminium, Wood and Concrete.

Installation

Real Safety's Ladder Rung Covers can be installed in two ways using adhesives and mechanical fasteners. We highly recommend using TEC 7 adhesive for this particular purpose.

Adhesives: Use a quality adhesive, such as the **TEC 7** mentioned above.

1. Prepare surfaces. All surfaces to be fastened with the adhesive must be clean, dry and dust free. Any coating, over which the Ladder Rung Covers are to be installed, should be firmly bonded to the surface.

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 inside (back) of the Step Cover should also be sanded lightly.

We recommend using the **TEC 7 Cleaner** for both the existing surface and the inside of the profiles before and after sanding.

NOTE: Surface preparation guidelines cannot cover all possible site situations. It is always recommended to perform a spot adhesion test beforehand as part of the standard quality assurance of the installation.

2. Apply the adhesive to the inside surface of the Ladder Rung Cover appr. 12mm (1/2") from the edge. Position the profile **adhesive side down** and firmly press into place. The **non-slip surface should be placed facing upwards**.

You may prepare several profiles at once, but be sure to only pre-glue as many as you can comfortably install in a 15-20 minute period.

Allow 24 hours for the adhesive to cure before using your ladder again.

CAUTION: Try to avoid any spillage of adhesive because it is very difficult to remove from the rough, gritted surface of the Ladder Rung Covers.

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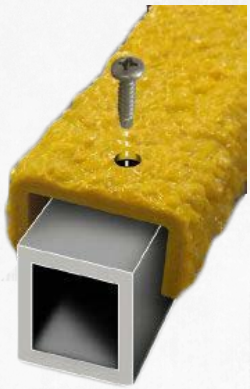
Mechanical Fasteners: Using Self-Tapping Screws or Self-Drilling (tek) Screws.

1. Position the Ladder Rung Cover. Note any impediments to the fasteners in the substrate that might require adjustment to their position.

2. Drill appropriately positioned holes in the back of the Ladder Rung Cover. Holes must be **drilled from the rear** and should be at least 12mm (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 Ladder Rung Cover and the subtrate.



For example:	#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

TiAlN (titanium aluminium nitride) drill bits are recommended, especially for stainless steel. Alternatively, solid carbide drills designed specifically for stainless application could be used. All fasteners should feature low profile heads.

3. Drill holes in the substrate corresponding to those drilled in the Ladder Rung Covers and assemble.

Self-Drilling (tek) Screws: Each screw works like a drill to create its own hole. Then, it taps a thread and fastens the Ladder Rung Cover. Use a standard power driver. Position the Ladder Rung Cover and drill from the top through the profile and into the subtrate.

NOTE: Mechanical fasteners may only be used on hollow ladder rungs.

Cleaning

General: Regular cleaning will keep the Ladder Rung Covers free of debris and looking new. Most household or industrial methods can be used. Detergents and mild degreasers work well. For stubborn deposits, use a stiff bristle brush. High pressure heated water (660 psi, as used in food processing plants) may be used in industrial environments.

CAUTION: Do NOT use mops. The gritted surface will catch and retain fibres. Solvents are not generally recommended. If neccessary, mild solvents may be used provided that they are diluted and immediately hosed off with water.

Snow and Ice Removal: **1.** Brooms will remove loose snow.

2. Plastic shovels are suitable for top layers of heavy snow accumulation. Do not use metal shovels, scrapers and wire brushes.

3. Use salt, calcium chloride or other melting agents on compacted snow and ice.

Anti-Slip is our **only** business!