

# Anti-Slip Hi-Traction™ COVERS Installation Guidelines

## Section 3


### INSTALLING YOUR SAFEGUARD ANTISLIP COVER WITH ADHESIVE

Safeguard carries, and recommends the Sika line of moisture cured urethane adhesives. Refer to the manufacturer's instructions for cure-time relative to the temperature and humidity of your environment. Typically allow 24 hours for the adhesive to cure.


*NOTE: Sikaflex 252 is a moistured cured urethane adhesive. The curing process can be accelerated by tamping the substrate with a damp cloth immediately prior to adhering your SAFEGUARD® Cover.*

**WARNING:** Take care to avoid contacting grit surface with adhesive. The adhesive will immediately bond, making removal impossible.

#### STEP COVERS (OVER WOOD, STEEL & CONCRETE):

1. Closely follow the surface preparation instructions for Adhesive provided by Safeguard.
2. Determine placement of the cover (usually centered on the step).
3. Using fine grade sandpaper, lightly abrade the underside of the cover. This will help in promoting the bond with the adhesive.
4. Insert the cartridge of SikaFlex 252 into a caulking gun and puncture the seal to initiate flow (**follow instructions on cartridge specifying temperature and cure time**).
5. Apply a ¾" bead of adhesive to the underside of the cover, around the entire perimeter, 1-2" in from the edges.
6. It is not necessary to apply adhesive to the underside of the vertical lip
7. For covers exceeding 6" in depth, a  shaped bead is recommended, lengthwise through the middle of the tread.
8. Position the cover over the surface in the desired position.
9. Firmly push the cover with adhesive onto the substrate taking care not to slide the cover.
10. To seal the cover and prevent water from seeping underneath, run a bead of adhesive around the perimeter where the cover and substrate meet.

#### WALKWAY COVERS (OVER WOOD, STEEL & CONCRETE):

1. Closely follow the surface preparation instructions for Adhesive provided by Safeguard.
2. Determine placement of cover.
3. Using fine grade sandpaper, lightly abrade the underside of the cover. This will help in promoting the bond with the adhesive.
4. Insert the cartridge of SikaFlex 252 into a caulking gun and puncture the seal to initiate flow (**follow instructions on cartridge specifying temperature and cure time**).
5. Apply a ¾" bead of adhesive to the underside of the cover, around the entire perimeter, 1-2" in from the edges.
6. For large covers, an  shaped bead is recommended through the middle of the cover from corner to corner.
7. Position the cover over the surface in the desired position.
8. Firmly push the cover with adhesive onto the substrate taking care not to slide the cover.
9. To seal the cover and prevent water from seeping underneath, run a bead of adhesive around the perimeter where the cover and substrate meet.

### LADDER RUNG COVERS (Round & Channel Shaped)

Adhesive is the only option when installing SAFEGUARD® Pultruded FRP Ladder Rung Covers.

Tack-welding is the most popular method to install steel ladder rung covers, however, if "Hot Work" is not permitted, adhesive is also an option.


1. Closely follow the surface preparation instructions for Adhesive provided by Safeguard.  
*Particular attention is necessary for Carbon Steel.*
2. Using fine grade sandpaper, lightly abrade the underside of the cover. This will help in promoting the bond with the adhesive.
3. Insert the cartridge of SikaFlex 252 into a caulking gun and puncture the seal to initiate flow (**follow instructions on cartridge specifying temperature and cure time**).
4. Start 1" in from one end on the underside of the cover and apply a ¾" bead of adhesive the length of the cover, stopping 1" from the opposite end.
5. Position the cover over the rung in the desired position.
6. Firmly push the cover with adhesive onto the rung taking care not to slide the cover.

### INSTALLING YOUR SAFEGUARD ANTISLIP COVER WITH A COMBINATION OF MECHANICAL FASTENERS & ADHESIVE

Using a combination of mechanical fasteners and adhesive ensures a secure installation of your SAFEGUARD® Antislip Cover. SikaFlex adhesive acts as a sealant, preventing water from penetrating the underside of the covers. In food processing facilities, SikaFlex is USDA accepted to seal the perimeter of your SAFEGUARD® Cover, keeping moisture and bacteria from forming underneath.

#### STEP COVERS (OVER WOOD, STEEL & CONCRETE):

##### Follow Steps 1 -14 for Mechanical Fasteners (Step Covers, Section 2)

15. Closely follow the surface preparation instructions for adhesive provided by Safeguard.
16. Determine placement of cover.
17. Using fine grade sandpaper, lightly abrade the underside of the cover. This will help in promoting the bond with the adhesive.
18. Insert the cartridge into the caulking gun and puncture the seal to initiate flow. (**follow manufacturer's instructions on cartridge specifying temperature and cure time**).
19. Apply a ¾" bead of adhesive (Sikaflex 252) to the underside of the cover allowing a 1-2" bare edge along the perimeter. Do not apply adhesive over the Pre-Drilled Holes.
20. For covers exceeding 6" in depth, a  shaped bead is recommended, lengthwise through the middle of the tread.
21. Position the step cover over the step taking care to align the pre-drilled holes precisely with the pilot holes. Firmly push the cover with adhesive onto the step surface taking care to not slide the cover or obstruct the drill holes.
22. Insert the appropriate screw and Torque<sup>1</sup> until a tight fit/seal is achieved.
23. To seal the cover, run a bead of adhesive around the entire perimeter at the edge of the substrate.

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### WALKWAY COVERS (OVER WOOD, STEEL & CONCRETE):

Follow Steps 1 -12 for Mechanical Fasteners (Walkway Covers, Section 2).

13. Closely follow the surface preparation instructions for adhesive provided by Safeguard.
14. Determine placement of cover.
15. Using fine grade sandpaper, lightly abrade the underside of the cover. This will help in promoting the bond with the adhesive.
16. Insert the cartridge into the caulking gun and puncture the seal to initiate flow. (follow instructions on cartridge specifying temperature and cure time).
17. Apply a 3/4" bead of adhesive (Sikaflex 252) to the underside of the cover allowing a 1-2" inch bare edge along the perimeter. **Do not apply adhesive over the Pre-Drilled Holes.**
18. For large covers, an ☒ shaped bead is recommended through the middle of the cover from corner to corner.
19. Position the Walkway Cover care to align the pre-drilled holes precisely with the pilot holes. Firmly push the cover with adhesive onto the surface taking care to not slide the cover or obstruct the drill holes.
20. Insert the appropriate screw and Torque<sup>1</sup> until a tight fit/seal is achieved.
21. To seal the cover, run a bead around the entire perimeter at the edge of the substrate.

### ATTENTION:



Reduce the speed of your pneumatic air tools to prevent thread galling and bolt snapping while installing saddle clips.

We recommend using a #2 Phillips screwdriver or adaptor when installing to avoid head stripping.

The use of a thread lubricant is also recommended to reduce heat and assist in a smooth installation of this product.

<sup>1</sup> Please reference this red "Attention" square for torque recommendations

### INSTALLING YOUR SAFEGUARD ANTISLIP COVER WITH PRESSURE-SENSITIVE ADHESIVE

SAFEGUARD® Flexible PVC Vinyl and 1mm FRP Walkway Covers are available with a PSA (Pressure Sensitive Adhesive) laminate.

1. Closely follow the surface preparation instructions for Adhesive provided by Safeguard.
2. SAFEGUARD® Flexible PVC Walkway Covers or 1mm FRP Covers with PSA laminate should be at least 50 degrees Fahrenheit or 10 degrees Celsius before installation.
3. For 1mm FRP: Simply peel back the release liner starting at one corner. Slowly lay the cover in place, pressing firmly as you go. For improved adhesion, use a weighted roller to complete installation
4. For Flexible Vinyl: Begin by peeling back the release liner on one end, exposing a few inches of the cover with pressure sensitive adhesive. Carefully position the edge of the material with the edge of the area you plan to cover. Once the cover is in the correct position, slowly, and simultaneously, remove the remainder of the release liner while using your other hand to lightly push the vinyl cover into place. Take care to avoid air bubbles under the surface. If one appears, carefully pull the vinyl cover up and re-apply.  
- For improved adhesion, use a weighted roller to complete installation.

**CAUTION: Once the Vinyl or 1mm Fiberglass sheet is adhered to the substrate, it is very difficult to adjust.**



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