



# User Instruction

## Guide for

# RoofGuard Restraint Anchor

## System

Liftsafe Fall Protection Inc.

RoofGuard Anchor User Manual

 RGC-RA-3.0

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## Warnings and Conditions

This system is part of a personal fall protection system. The user must read and follow all guidelines in this manual. These instructions must be provided to the user of this system.

The user must read and understand these instructions or have them explained to them prior to using the system.

Alterations or misuse of this system or failure to follow instructions may result in serious injury or death. If you have any questions on the use or care of this system please contact Lifesafe Fall Protection Group at 1-800-977-2005.





## 1.0 APPLICATION

1.1 The RoofGuard Restraint Anchor system is designed to be installed on flat rooftops, or anywhere workers may be at risk of a fall from an elevated surface while working; rooftops, mezzanines, or around openings, when workers should be protected by keeping them a safe distance from the hazard.

1.2 The system is a TEMPORARY restraint anchor – to be setup for use, and then removed when the work is completed. Connection may only be made to the anchor with a RESTRAINT system that prevents the worker from being able to reach an unprotected edge in any direction while attached to the anchor.



## 2.0 System Requirements

2.1 The RoofGuard Restraint Anchor System is designed to be used on flat roofs (up to 5% grade) where the baseplates can sit flat on the roof surface. Depending on the roof surface, a rubber pad, or ultra-light paving stone may be used under the base plates to facilitate safe/stable contact with the roof surface. Base plates must NOT be set on ice or snow or smooth-wet surfaces; clear the area prior to placing the RoofGuard baseplates.

2.2 The RoofGuard Restraint Anchor system is designed to protect a single worker near an opening or roof edge from which they may fall. The worker must be wearing a CSA-approved full body harness and secured with a lanyard or Self-Retracting Lifeline of sufficient length so that when fully extended, the worker can NOT fall from the working surface in any direction. This may mean the system cannot be placed at roof corners where a worker can reach the very corner, as it may result in them being able to fall from one of the sides.

2.3 Workers using the RoofGuard Restraint Anchor system must have taken a course in Fall Protection that at the very least covers the difference between a Fall-ARREST systems vs. a Fall RESTRAINT system.



## 3.0 Components

3.1 The RoofGuard Restraint Anchor system consists of the Anchor Kit and 12 of the standard RoofGuard System Baseplates.

3.2 The Anchor Kit contains:

- 🔧 2 pcs of 18" pipe with caps on top.
- 🔧 1 pc – 24" long anchor plate with D-ring at center
- 🔧 2 pcs of locking pins for top of the 18" pipes

3.3 Inspect all pieces before using, to ensure they are in good condition with no signs of wear or abuse.



## 4.0 System Layout

4.1 Install the Restraint Anchor only on a flat, clean and dry surface. Clean the area where baseplates will be installed, to ensure good contact with the roof surface.

4.2 The system should be set up at least 9-feet from the roof edge, allowing the worker to be a safe distance from the roof edge while assembling and securing to the anchor point. Check local regulations for other requirements for edge-work, if applicable.

When setting the location of the anchor, the setback distance from the hazard should be at least 3-feet longer than the restraint system. (eg; 6-foot restraint lanyard the Restraint Anchor should be 9-feet from the hazard.)

4.3 Masticated Rubber under-pads are supplied for membrane roofs. For gravel roof material, the steel plates should be placed directly on the gravel.

4.4 Using the anchor plate as a guide, set two baseplates on the ground and place the anchor plate over the 'inside holes' and the two posts through the holes.

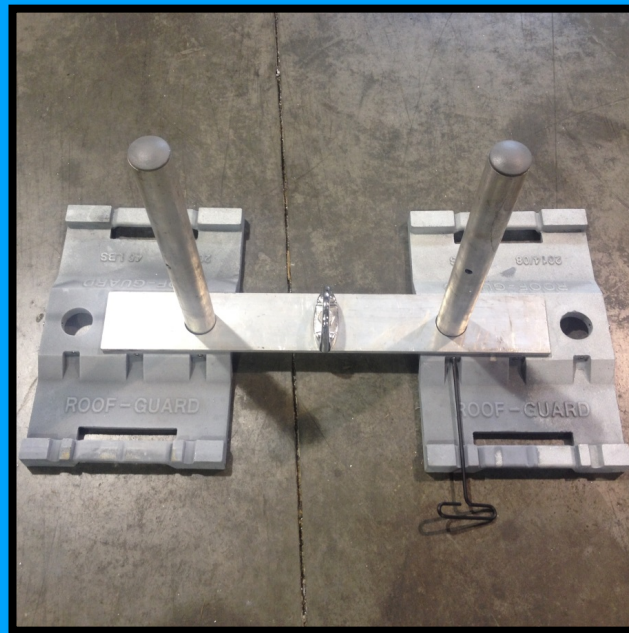


Figure 1: First two base plates, with anchor plate.

T-handle Alan key to secure the aluminum post to the bases.

- 4.5 Tighten the set screws on the two posts to 25 ft-lbs using the supplied T-handle Alan key.
- 4.6 Then, stack another 5 RoofGuard Baseplates onto each side, over the aluminum posts.
- 4.7 Finally, add the retaining pin to secure the base plates.
- 4.8 Once the pins are in place, a worker may connect to the system with a FALL RESTRAINT system.

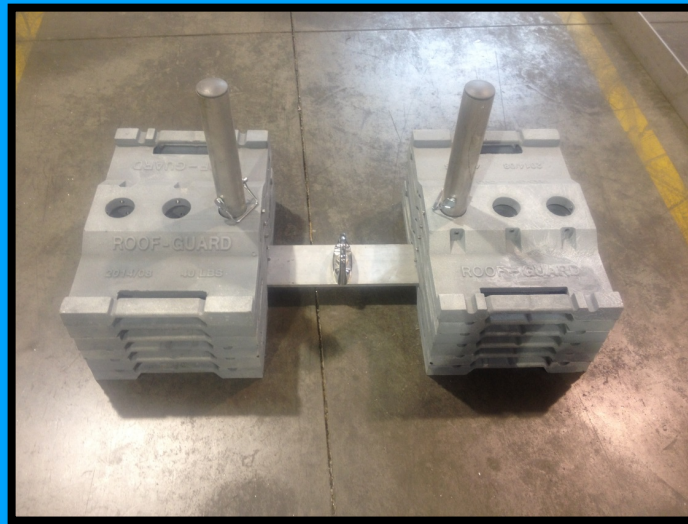


Figure 2: Completed RoofGuard Restraint Anchor



**WARNING – TEMPORARY RESTRAINT ANCHOR ONLY**

**NOT INTENDED TO BE LEFT ASSEMBLED, OR IN PLACE FOR  
EXTENDED PERIODS WHEN WORKERS ARE NOT PRESENT**

**RATED FOR FALL RESTRAINT ONLY – WORKERS MUST REMOVE  
ANCHOR WHEN WORK IS COMPLETED TO PREVENT ANCHOR BEING  
USED FOR FALL ARREST BY OTHERS**





# 5.0 Detailed Inspection and Maintenance Log

Inspection Date	Inspection Items Noted	Corrective Action Taken	Maintenance Performed	Approved By



## 6.0 Liftsafe Fall Protection Warranty

Equipment offered by Liftsafe Fall Protection (LFP) is warranted against factory defects in workmanship and materials for a period of one year from date of installation or use by the owner, provided that this period shall not exceed 18 months from date of shipment. Upon notice in writing, LFP will promptly repair or replace all defective items. LFP reserves the right to elect to have any defective item returned to its plant for inspection before making a repair or replacement. This warranty does not cover equipment damages resulting from abuse, damage in transit, or other damage beyond the control of LFP. This warranty applies only to the original purchaser and is the only one applicable to our products, and is in lieu of all other warranties, expressed or implied.

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## 7.0 Notes



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