



# FP Pro Disposable Roof Anchor

## User Instructions

Model Number

### WARNING

National standards and state, provincial and federal laws require the user to be trained before using this product. Use this manual as part of a user safety training program that is appropriate for the user's occupation. These instructions must be provided to users before use of the product, and retained for ready reference by the user. The user must read, understand (or have explained), and heed all instructions, labels, markings and warnings supplied with this product and with those products intended for use in association with it. Failure to do so may result in serious injury or death.

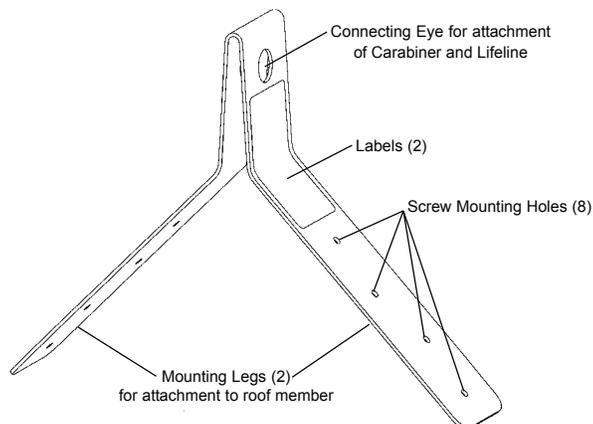
## 1.0 SPECIFICATIONS

- The FP Pro Disposable Roof Anchor meets federal OSHA requirements and ANSI A10.14. These instructions and markings borne by the product fulfill the instruction and marking requirements of those regulations and standards.
- Material: steel with galvanized finish
- Capacity is one person with a combined weight not to exceed 310 lbs (140 kg) including weight of the user + clothing + other user-borne objects.
- Free fall distance (limit) must not exceed 6.0 ft (1.8 m) in accordance with OSHA. The Canadian Occupational Health & Safety Act of 1990 and ANSI A10.14 specify that free fall distance must not exceed 5 ft (1.5 m). The user must comply with applicable standards and regulations.
- When used as part of a personal fall arrest system, fall arresting forces must not exceed 1,800 lbf (8 kN).
- Length (overall) is 11.0 in (28 cm), width 2.25 in (6 cm), height 8.5 in (22 cm). Net weight is 1.1 lb (0.5 kg).

## 2.0 DESCRIPTION

The Roof Anchor is a formed steel anchorage for use as a temporary fall arrest anchorage connector on wood frame roofs. The two legs of the Roof Anchor attach to the roof member at the peak of the roof by means of eight (8) wood screws. The connecting element is a 3/4 in (19 mm) diameter eye for attachment of the compatible Rose Carabiner and Vertical Lifeline.

FP PRO DISPOSABLE ROOF ANCHOR  
(FIG 1)



### 3.0 SELECTION AND APPLICATION

#### 3.1 PURPOSE OF FP PRO ROOF ANCHOR

The Roof Anchor is designed as a temporary anchorage component in a personal fall arrest system. It provides the means to connect a vertical lifeline to the structural member of a suitable wood roof. The Roof Anchor enables the user to secure a compatible rope grab fall arrester to the roof peak and traverse the roof pitch with hands free.

#### 3.2 USAGE LIMITATIONS

The Roof Anchor should be used only in conjunction with compatible MSA Rose personal fall arrest components. The following applications limitations must be considered and planned for:

##### 3.2.1 PROPER ANCHORAGE

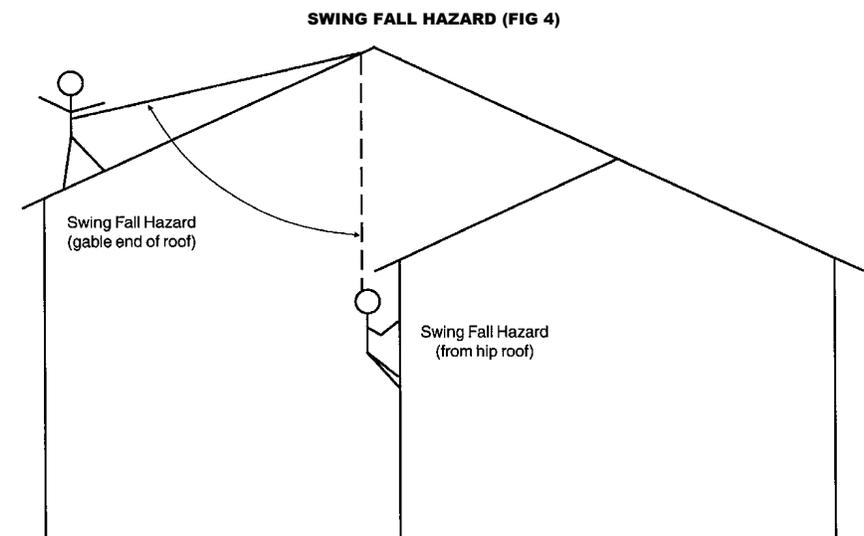
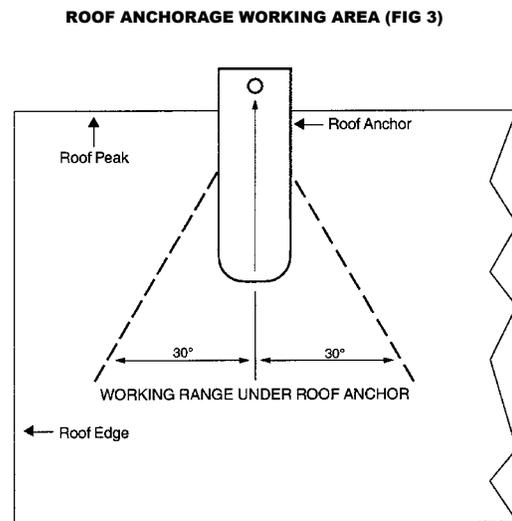
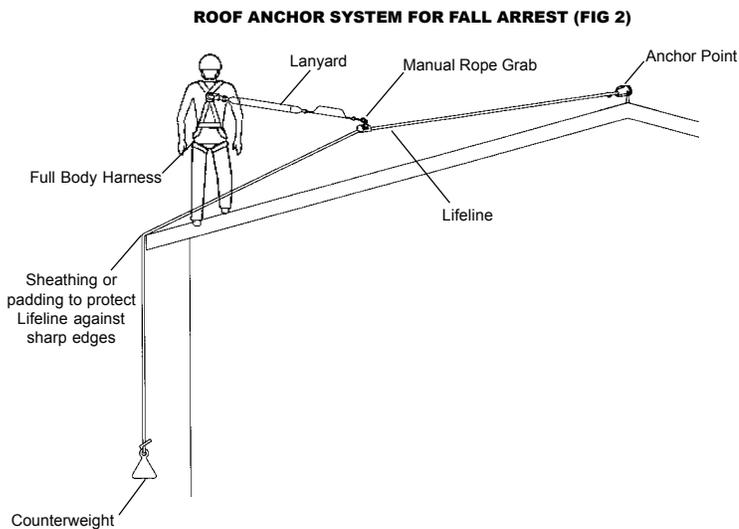
The roof member must support the required loads, reduce free fall hazards and avoid worker contact with objects in the path of the fall.

##### 3.2.2 WORK PRACTICES

Users must not work above the anchor point and must limit potential free fall distance to less than 6 ft (1.8 m). The connecting subsystem of one worker (lifeline, lanyard, etc.) must not cross or tangle with that of another worker. Connecting subsystems must never be knotted or tied to each other.

##### 3.2.3 ANCHOR POINT LOCATION

The anchorage must be directly above the user. Minimize the hazards due to swing falls. See Figures 2, 3 and 4.



**3.2.4 SHARP EDGES AND ABRASIVE SURFACES**

Do not expose workers or their personal protective equipment to sharp edges or abrasive surfaces. Protect by padding or sheathing sharp edges while work is being performed.

**3.2.5 ELECTRICAL HAZARDS**

Use extreme caution when working near energized electrical sources. Metal Roof Anchor and other components connected to it will conduct electrical current. Maintain a safe working distance – preferably at least 10 feet (3 m) – from electrical hazards.

**3.2.6 MOVING MACHINERY**

When working near moving machinery (for example: conveyors, rotating shafts, etc.) make sure that the Roof Anchor and other components connected to it are secured. Maintain a safe working distance from machinery which could entangle clothing or components of the user's personal fall arrest system.

**3.2.7 WEAR AND DETERIORATION**

Any Roof Anchor which shows signs of excessive wear or deterioration should be removed from service and destroyed. Refer to section 7.0 for inspection criteria.

**3.2.6 IMPACT FORCES**

Any Roof Anchor which has been exposed to the forces of arresting a fall must be immediately removed from service and destroyed.

**3.3 RESCUE AND EVACUATION PLAN**

A means must be provided for rescue and evacuation for workers in the event that a fall may occur. Have a plan in place and the means to implement it.

**3.4 TRAINING**

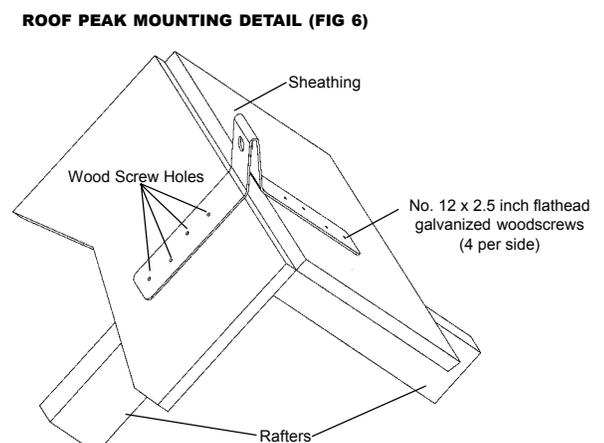
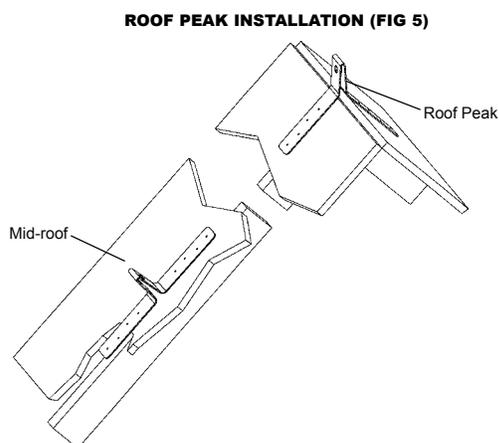
It is the responsibility of the purchaser of this equipment to provide training. Users must be familiar with these User Instructions and trained in the correct selection, inspection, use and care of this product, its limits of application and the consequences of improper usage. Training must not expose the trainee to fall hazards. For best results, fall protection training should be reviewed or repeated at least once per year.

**4.0 USAGE****4.1 INSPECTION BEFORE EACH USE**

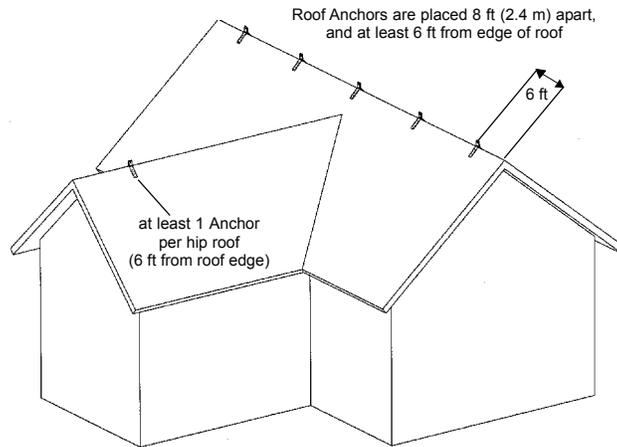
Perform a thorough visual and tactile inspection of the Roof Anchor before each use. Refer to the inspection instructions in section 7.0

**4.2 INSTALLATION**

When possible, Roof Anchors should be located at the roof peak (refer to figure 5) at least 6 ft (1.8 m) from exposed roof edges to reduce swing falls. Roof Anchors should be installed at least 8 feet (2.4 m) apart along the roof peak. On hip roofs, one Roof Anchor should be installed on each hip face. Multiple Roof Anchors should be installed on long, low-pitched roofs along the gable ends. See Figures 5, 6 and 7.



LOCATION OF ANCHORS ON ROOF (FIG 7)



Roof framing to which the Roof Anchors are attached must be strong enough to support the required loads. Roof members should be free of cracks, splits, knots, rot or deterioration which may weaken the framing. Do not install Roof Anchors on unsupported roof structures such as eaves or gable overhangs. Do not install Roof Anchors on fascia boards.

Each Roof Anchor must be installed using eight (8) No. 12 x 2.5 inch Phillips-drive galvanized wood screws. Screws must pass through sheathing and into the roof structural member (stud, joist, rafter, etc.) (Refer to figure 6.) For best results, pre-drill screw holes into roof structural member using a 0.086 inch diameter No. 44 drill bit.

**CAUTION**

*Roof Anchors are intended only as temporary anchorage devices. Once work has been completed, temporary Roof Anchors must be removed and destroyed, or flattened into the roof framing. For personnel use only. Do not use for materials handling.*

All eight (8) screws must be seated against the Roof Anchor, four (4) screws on each anchor leg. Do not over-tighten screws. Screws should not be reused. Damaged screws must be replaced with screws of the same size, type and length. Roof Anchors with damaged or enlarged screw holes must be removed from service and destroyed.

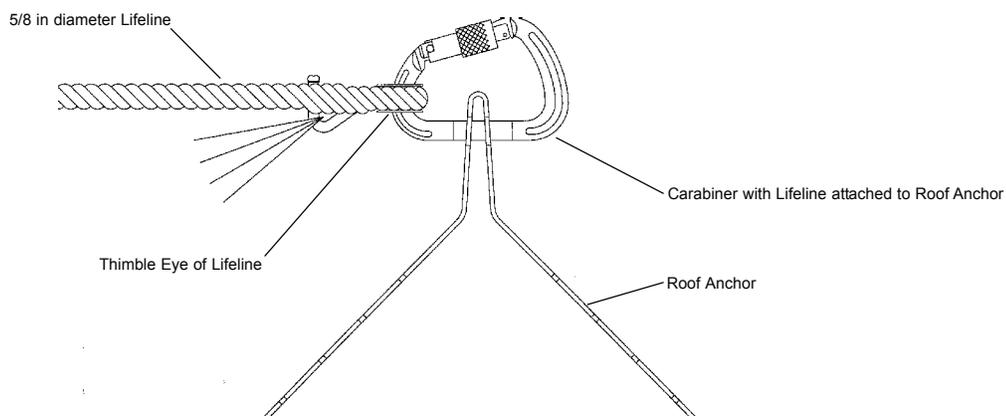
**WARNING**

*Roof framing must be capable of supporting 5,000 lbf load per Roof Anchor.*

**4.3 MAKING PROPER CONNECTIONS**

Use only compatible connectors supplied in the FP Pro Roof Anchor Kit. Attach the lifeline to Roof Anchor using the self-closing, self-locking anchor provided in the kit. See Figure 8.

CARABINER AND LIFELINE (FIG. 8)



Be certain that the Carabiner is securely closed and locked on the attachment eye of the Roof Anchor. Visually check all connections. Do not rely solely on sound or touch. Connect only one Carabiner to a single Roof Anchor. Always follow the manufacturer's instructions supplied with each component in the personal fall arrest system.

## 5.0 CARE, MAINTENANCE AND STORAGE

### 5.1 CLEANING INSTRUCTIONS

Wipe clean with cloth. Do not use water or soap solutions on installed anchors as this may weaken the underlying wood structure.

### 5.2 MAINTENANCE AND SERVICE

The Roof Anchor requires no regular maintenance. Equipment which is damaged or in need of maintenance must be removed from service and tagged as "UNUSABLE" until repaired or destroyed. Repairs must be performed by the manufacturer. Do not attempt field repairs.

### 5.3 STORAGE

Unused Roof Anchors should be stored in a cool, dry place. Avoid areas where heat, moisture, oil and chemicals or their vapors or other degrading elements may be present.

## 6.0 MARKINGS AND LABELS

The following labels must be present and legible on the product.



**Capacity:** One person, 310 lb (140 kg) including clothing + tools + other user-borne objects

**Material:** Steel, galvanized

**Breaking Strength:** 5,000 lbf (22 kN)

**Meets:** Federal OSHA requirements, ANSI A10.14

**WARNING**

Do not use this product unless a qualified person has inspected workplace and determined that identified hazards can neither be eliminated nor exposures to them prevented. The manufacturer included separate instructions with this product. Copies are available. Read and heed all instructions, labels and warnings for this product and other products intended for use with it. Failure to do so may result in serious injury or death.

**USER TRAINING** – To meet standards, the user must be trained before using this product. The manufacturer offers training.

**SELECTION AND USE** – This product performs as stated when tested to the reference standard. It is a component in a roof anchorage fall arrest system. Use only with other components from the FP Pro roof anchorage kit. ■ Do not connect or combine with other components which may hinder or defeat function of system. See separate instructions. ■ Keep safe distance from moving machinery and electrical sources. Metal parts conduct electricity. ■ Do not re-use if subjected to fall arrest (or equivalent) forces. Remove from service and destroy. ■ Do not misuse, abuse, alter or attempt repairs to this product. Disregard voids warranty.

**DO NOT REMOVE THIS LABEL**

PIN 10001421

**SELECTION AND USE** – ■ Have rescue and evacuation plans and means at hand to implement. **RIGGING AND USE** – Attach to suitable roof framing capable of supporting 5,000 lbs (22 kN) minimum per attached worker, in the direction permitted by the system while in use. ■ Install on solid roof members (ie: studs, joists or rafters) using eight (8) No. 12 x 2.5 inch Phillips-drive galvanized wood screws. Align screws with center of structural member. ■ Install only on roof structures comprised of wood members and full sheathing. Do not install on fascia boards. ■ Install at least 6 ft. (2 m) from any roof edge. ■ Attach vertical lifeline to 3/4 inch diameter eye using only Rose locking Carabiner. **Always check connections.** Carabiner must fully capture and enclose the roof anchor. Carabiner must be securely closed and locked when coupled to roof anchor. Be sure dimensions, shape and pressure of nearby objects cannot unlock or open carabiner gate. ■ Do not connect lifelines, snaphooks or carabiners to each other. ■ Space below user must be void of objects in potential fall path. ■ Do not kink, twist or knot vertical lifeline.

**WARNING**

Use only No. 12 x 2.5 inch Phillips-drive galvanized wood screws, eight (8) total. All screws must pass through sheathing and into roof member. If they do not, serious injury or death could occur.

**INSPECTION** – Inspect for missing or bent parts, cracks, breaks or corrosion. If product is defective, do not use; remove from service and destroy. ■ User must inspect before each use. ■ Competent person other than user must inspect at least every 6 months.

**Rose Manufacturing Company**  
2250 S. Tejon St., Englewood, CO 80110  
phone: 1-800-722-1231  
**MADE IN USA**

**DO NOT REMOVE THIS LABEL**

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## 7.0 INSPECTION

### 7.1 INSPECTION FREQUENCY

Inspect the Roof Anchor before each use by visual and tactile examination, according to the procedure in section 7.2.

The Roof Anchor must be inspected by a competent person other than the user at intervals of no more than six (6) months. Record the results of Competent Person inspection.

### 7.2 PROCEDURE FOR INSPECTION

- Step 1 Verify that the Roof Anchor is not cracked or bent and the anchor legs are flat and not deformed.
- Step 2 Check for visible red rust or corrosion.
- Step 3 Check the condition of the roof framing where the anchor will be attached. If the framing is rotted or starting to deteriorate, do not install the Roof Anchor.
- Step 4 If the anchor is already installed, verify that it is still properly secured to the roof framing. Check to confirm that all eight (8) wood screws are present and intact.
- Step 5 Verify that the two product labels are present and legible. Missing or illegible labels must be replaced by contacting the manufacturer at 800-722-1231.
- Step 6 Inspect the other components of the FP Pro Roof Anchor kit according to the User Instructions provided by the manufacturer with each component product.

#### WARNING

*If this Roof Anchor is damaged or has been subjected to fall arrest forces (or the equivalent), it must be immediately removed from service and destroyed.*

Defects, damage and excessive wear are generally not repairable. If detected, remove the Roof Anchor from service and destroy.

#### WARRANTY

Express Warranty – MSA Rose warrants that the product furnished is free from mechanical defects or faulty workmanship for a period of one (1) year from first use or eighteen (18) months from date of shipment, whichever occurs first, provided it is maintained and used in accordance with MSA Rose's instructions and/or recommendations. Replacement parts and repairs are warranted for ninety (90) days from the date of repair of the product or sale of the replacement part, whichever occurs first. MSA Rose shall be released from all obligations under this warranty in the event repairs or modifications are made by persons other than its own authorized service personnel or if the warranty claim results from misuse of the product. No agent, employee or representative of MSA Rose may bind MSA Rose to any affirmation, representation or modification of the warranty concerning the goods sold under this contract. MSA Rose makes no warranty concerning components or accessories not manufactured by MSA Rose, but will pass on to the Purchaser all warranties of manufacturers of such components. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AND IS STRICTLY LIMITED TO THE TERMS HEREOF. ROSE/MSA SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. For additional information please contact the Customer Service Department at 1-800-MSA-2222 (1-800-672-2222).

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