



**KwikSafety**  
Everything Safety®

## INSTRUCTIONS FOR USE



### GATOR TEMPORARY ROOF ANCHOR MODEL NO. KS7802 (YELLOW)

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CHARLOTTE, NC 28216  
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## **WARNING**

**All persons using this equipment must read and understand all instructions. Failure to do so may result in serious injury or death. Do not use this equipment unless you are properly trained. These instructions are intended to meet the manufacturer instructions as required by ANSI Z359.18-2017. The user must fully understand proper equipment use and limitations.**



**Do not skip this instruction manual. Read the instruction manual carefully before using the equipment. FAILURE TO HEED ANY OF THESE WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH.**

### **APPLICABLE SAFETY STANDARDS**

When used according to instruction specifications, this product meets or exceeds all applicable ANSI Z359.18-2017 standards for fall protection. This product has been tested in compliance with the requirements of ANSI/ASSE Z359.7. Testing only covers hardware and does not extend to the anchorage or substrate to which this product is attached. Applicable standards and regulations depend on the type of work being done, and also might include state-specific regulations. Consult regulatory agencies for more information on personal fall arrest systems and associated components.

### **PRODUCT SPECIFIC APPLICATIONS**

**Personal Fall Arrest:** Temper Anchor may be used to support a MAXIMUM 1 PFAS for use in Fall Arrest applications. Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. Maximum free fall is 6', or up to 12' if used in combination with equipment explicitly certified for such use. Applicable D-ring: Dorsal.

**Restraint:** Temper Anchor may be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyard/SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal). Applicable D-rings: Dorsal, Chest, Side, Shoulder.

**For all applications: worker weight capacity range (including all clothing, tools, and equipment) is 130-310 lbs.**

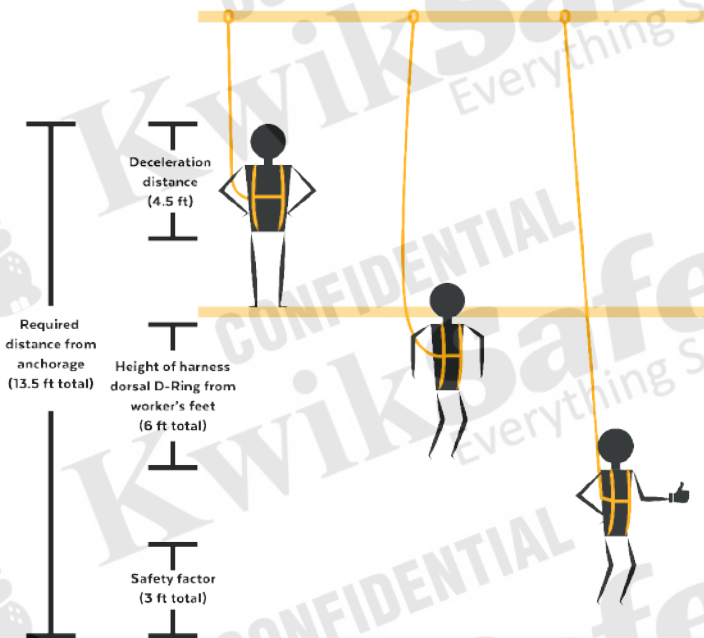


## LIMITATIONS

**Fall Clearance:** There must be sufficient clearance below the anchorage connector to arrest a fall before the user strikes the ground or an obstruction. **When calculating fall clearance, account for a MINIMUM 2' safety factor, deceleration distance, user height, length of lanyard/SRL, harness stretch, and all other applicable factors.**

Diagram shown is an example fall clearance calculation **ONLY**.

## Fall Clearance Calculation



**Swing Falls:** Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.

\*Eliminate Swing Fall whenever possible! If Swing Fall exists, always account for additional fall clearance.



**Compatibility:** When making connections with Temper Anchor, eliminate all possibility of roll-out. Roll-out occurs when interference between a hook and the attachment point causes the hook gate to unintentionally open and release. All connections must be selected and deemed compatible with Temper Anchor by a Competent Person. All connector gates must be self-closing and self-locking, and withstand minimum loads of 3,600 lbs. See the following for examples of compatible/incompatible connections:

Connector closed and locked to D-ring. **OK.**



Connector to integral lanyard. **NO.**

Two or more snap hooks or carabiners connected to each other. **NO.**



Connector directly to webbing. **NO.**

Two connectors to same D-ring. **NO.**



Application that places load on gate. **NO.**

Connector directly to horizontal lifeline. **NO.**



Incompatible or irregular application, which may increase risk of roll-out. **NO.**

**Correct Anchorage Positioning:** This chart details allowable working zones required to reduce risk of swing falls and improper side loading. ALWAYS adhere to information specified by chart.

Anchor Distance From Leading Edge (Y)	Working Distance Along Roof Edge (Either Direction) (X)	Working Angle From Perpendicular ( $\psi$ )
6'	8'	53°
10'	9'-9"	45°
15'	11'-7"	38°
20'	13'-3"	33°
25'	14'-6"	30°
30'	16'	28°
35'	17'-2"	26°
40'	18'-3"	24°
45'	19'-4"	23°
50'	19'-10"	21°
55'	21'-4"	21°
60'	22'-3"	21°



Key:  
 X: Working Distance Along Roof Edge  
 Y: Distance From Leading Edge  
 Ø: Total Working Angle

For example, if the anchorage connector is 6' from the leading edge (Y), the working distance (X) is 8' in each direction from the perpendicular, which translates to a 53° working angle.



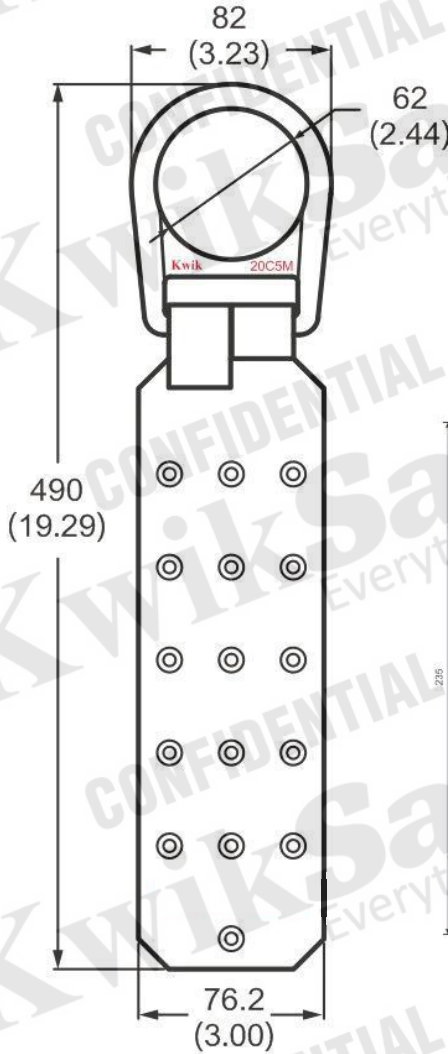
## COMPONENTS AND SPECIFICATIONS

Type A anchorage connector

Minimum permitted service temperature:  $-30^{\circ}\text{F}$

5,000 lb. MBS (Minimum Breaking Strength)

Materials: zinc-plated steel



## INSTALLATION AND USE

### MINIMUM substrate thickness requirements:

- Wood: 3/4" (total combined).
- Metal: 20g.
- Concrete: 4" thick and 4,000 PSI.

### MINIMUM substrate thickness requirements:

- Wood: 16d nails, or #12, 2" wood deck screws.
- Metal: #12, 2" metal deck screws.
- Concrete: 1/4" x 2 3/4" concrete screws.

### Compatible roof pitch:

- Installed over roof peak: 0/12 - 12/12.
- Installed on flat surface: 0/12 - vertical/sheer.

Never install past sheer (such as on underside of beam or slab).

### WARNING

**NEVER load anchor improperly. Prior to installation, refer to anchorage positioning chart (pg. 3) to ensure installation location will satisfy intended work application(s).**



1. Determine installation location for Temper Anchor; ensure location is free of debris, rot, decay, cracking, and hazardous materials. NEVER install on substrate incapable of withstanding minimum loads required by application.

2. Make considerations for eliminating or minimizing swing fall hazards.

3. Ensure all fasteners are those supplied by KwikSafety, or are deemed compatible and equivalent by a Competent Person.

4. Temper Anchor MUST install flush against substrate. All fasteners MUST be fully embedded in substrate. Install in



accordance with appropriate substrate detail.

5. Temper Anchor may be used in combination with a horizontal lifeline (HLL) system, but only if HLL is installed in parallel with long end of anchor plate. All set-up, installation, and use of HLLs must be done under the supervision of a Qualified Person.

### Wood install:

- Into truss or support beam. Use (12) fasteners (6 per side) in center column of fastener installation holes.
- Into field (not positioned over truss or support beam). Use (32) fasteners in all fastener installation holes.

### Metal install:

- Use (16) fasteners (8 per side). On each side, install in center column of fastener installation holes, in 1 hole left of center, and in 1 hole right of center.



8 Per Side:  
(A-F) 6 in the center  
(G) 1 left of center  
(H) 1 right of center  
Total: 16

### Concrete install:

- Use (8) fasteners (4 per side).
- Distribute fasteners evenly across Temper Anchor.
5. Attach complete and compatible PFAS to Temper Anchor Connection Point.



4 Per Side:  
(A-B) 6 in the center  
(C) 1 top center  
(D) 1 bottom center  
Total: 8



## **WARNING**

**NEVER over-torque screws. Excessive torque may cause damage to screws and result in unsafe installation. OK for use in multiple installation applications. Always use new fasteners for each new installation. Removal of anchor from initial location may cause warping/damage. NEVER reinstall anchor if damage exists or it will not lie flush against substrate.**

## **MAINTENANCE, CLEANING, AND STORAGE**

If the GATOR Temper Anchor fails inspection in any way, immediately remove it from service, and contact KwikSafety to inquire about its return or repair. Field serviceability testing is not required, and should not be done by the end user.

Cleaning after use is important for maintaining the safety and longevity of Temper Anchor. Remove all dirt, corrosives, and contaminants from GATOR Temper Anchor before and after each use. If Temper Anchor cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean Temper Anchor with corrosive substances.

When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

## **INSPECTION**

Prior to EACH use, inspect Temper Anchor for deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, broken stitching, fraying, and missing or illegible labels. IMMEDIATELY remove Temper Anchor from service if defects or damage are found, or if exposed to forces of fall arrest. Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that selected work area will support the application-specific minimum loads set forth in this instruction manual. Work area MUST be stable.





**At least every 12 months, a Competent Person other than the user must inspect Temper Anchor. Competent Person inspections MUST be recorded in inspection log in instruction manual and on equipment inspection grid label. The Competent Person must sign their initials in the box corresponding to the month and year the inspection took place.**

During inspection, consider all applications and hazards the Temper Anchor has been subjected to.

**INSPECTION LOG**

**SERIAL NUMBER:**

**MODEL NUMBER:**

**DATE PURCHASED:**

**DATE FIRST USED:**

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YR												
YR												
YR												
YR												
YR												

**If equipment fails inspection IMMEDIATELY REMOVE FROM SERVICE.**

Product lifetime is indefinite, as long as it passes pre-use and Competent Person inspections. User must inspect prior to EACH use. Competent Person other than user must complete formal inspection at least every 12 months. Competent Person to inspect and Initial.

This inspection log must be specific to one Temper Anchor. Separate inspection logs must be used for each Temper Anchor. All inspection records must be made visible and available to all users at all times.

**⚠ WARNING**

**Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.**

Do not alter equipment. Do not misuse equipment.

Workplace conditions, including, but not limited to, flame, corrosive chemicals, electrical shock, sharp objects, machinery, abrasive substances, weather conditions, and uneven surfaces, must be assessed by a Competent Person before fall protection equipment is selected.

The analysis of the workplace must anticipate where workers will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to. Fall protection equipment must be chosen by a Competent Person. Selections must account for all potential hazardous workplace conditions. All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be selected and installed under the supervision of a Competent Person, and used in a compliant manner. Fall protection systems must be designed in a manner compliant with all federal, state, and safety regulations. Forces applied to anchors must be calculated by a Competent Person.

Unless explicitly stated otherwise, the maximum allowable free fall distance for lanyards must not exceed 6'. No free fall allowed for non-LE SRLs. Class A SRLs must arrest falls within 24"; Class B SRLs must arrest falls within 54". Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration. Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking and self-closing, and must never be connected to each other.



A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue. Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons to correctly erect, disassemble, inspect, maintain, store, and use equipment must be provided by a Competent Person. Training must include the ability to recognize fall hazards, minimize the likelihood of fall hazards, and the correct use of personal fall arrest systems.

NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

Equipment subjected to forces of fall arrest must immediately be removed from use.

Age, fitness, and health conditions can seriously affect the worker should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform set-up of equipment. Pregnant women and minors must not use this equipment.

Physical harm may still occur even if fall safety equipment functions correctly. Sustained post-fall suspension may result in serious injury or death. Use trauma relief straps to reduce the effects of suspension trauma.



LABEL(S)



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**GATOR TEMPORARY ROOF ANCHOR**

Model No.: KS7802

Date of Mfg: XX/XXXX

Serial No.: XXXXX

Batch No.: XXXXX

ANSI/ASSE Z359.18-2017

Capacity: 130 - 310 lbs.

Type A anchorage connector  
5,000 lb. MBS (minimum breaking  
strength)

Minimum service temperature:  
-30°F

Prior to use, read and understand  
all manufacturer's instructions  
provided with equipment at time of  
shipment from manufacturer.

Connections must be selected and  
deemed compatible with Temper  
Anchor by a Competent Person.  
Refer to instructions for proper  
connection methods.



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