

# User Installation and Instruction Manual for EZ Series Fixed Access Ladder

## I. Application:

### A. Purpose:

The purpose of the EZ Series Fixed Access Ladder is to provide an OSHA Compliant access to roofs, platforms and walkways.

### B. Limitations:

- Rated Number of simultaneous users- (1)
- Load Rated: 800 lbs.

### C. Standards:

Please refer to all families of standards regarding occupational safety for more information on work positioning systems and fall protection. These include ANSI, OSHA, and any applicable local or state requirements. Compatibility shall follow all requirements of OSHA 1910.23(d).

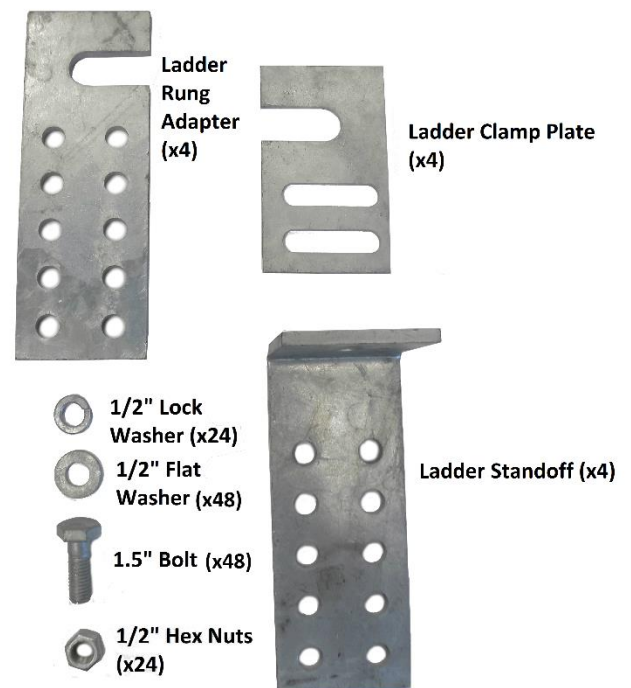


## II. Installation:

### A. Installation Tools and Materials:

\*Plan your system prior to installation. Consider any factors that may affect a user's safety. Key points to consider are: anchorage, sharp edges, obstructions and rescue.

- Measure and layout stand-off locations- 1'-9 $\frac{3}{4}$ " between each Ladder Standoff
- Mount stand-offs to structure. Secure with bolts. Standoffs should be installed to ensure the ladder has a minimum of 7" clearance between the rungs and the structure. This 7" clearance applies to obstructions on the structure being affixed to.
- Mount Ladder Rung adapters to Stand-offs. Secure with bolts.
- Place ladder on Ladder Rung Adapter.
- Install clamp plate over the ladders rungs and secure with bolts.





**1** Attach Mounting Brackets



**2** Place rung in bracket



**3** Secure with bolt-on capture plate

#### **B. Important measurements**

##### **When Installing:**

- Climbing width: must be a minimum of 16 inches- OSHA 1910.23(b)(4)
- Stand-off distance of 7 inches. 7 inches minimum must be measured from the mid-point of the ladder rung to the nearest permanent object in back of the ladder. OSHA 1910.23(d)(2). \*\*See Diagram on Last Page.
- Any Fixed Access Ladder is required to have a fall protection system in place if it exceeds 24 feet according to OSHA 1910.28(b)(9)
- The last rung of the ladder must be either in line of below the roof and no more than 12" below.

##### **Ladder Features:**

Rung Width: 20"

Walk through: 30"

Standoff Brackets: Bolt on, with vertical/horizontal adjustability

Floor/ Bottom mount available

Side Rail Construction: 3" Flat Stock

Hot dipped galvanized finish

10' maximum modular sections reduce freight costs

**Optional Accessories:**

*\*These accessories may or may not be included depending on individual order*

- Bolt On Walk Throughs
- P>Returns
- Safety Gates
- Ladder Guards
- Parapet Crossovers & Step Systems
- Ladder Lifeline Systems

**General Notes:**

Ladder system has been designed by Diversified Fall Protection per specifications on referenced drawings. Consult with a qualified engineer before installation system to confirm structure supporting ladder is capable of supporting ALL intended loads applied to ladder when in use. Diversified Fall Protection shall not be held liable or responsible for ladders installed by others, other than Diversified Fall Protection.

Rated Number of simultaneous users- (1)

Load Rated: 800lbs.

Standoff connection scenarios vary and different part numbers may be used. Actual standoff connection types and bolt patterns may differ from what is depicted in this document. Suggested torque values (ft/lbs) for ½" ASTM Gr. 5 bolts are as follows: Galvanized/waxed: 61 ft/lbs

**Disclaimer:**

Follow manufacturer's instructions wherever applicable. The information provided in this document is provided as a reference only and the use of it is undertaken entirely at the risk of the user. Diversified Fall Protection accepts no responsibility or liability for the completeness or accuracy or any install that may be aided, in full or in part, by this document. Diversified Fall Protection does not and will not indemnify any individual or company on the installation of ladder or ladders.

