

Product Name
ALACO Fixed Wall Ladders

Manufacturer
ALACO Ladder Co.
5167 G Street, Chino, CA 91710-5143
Phone: (888) 310-7040 Fax: (909) 591-7565
E-mail:sales@alacoladder.com Web Site: www.alacoladder.com

Product Description

BASIC USE

Model 563 fixed wall ladders provide permanent exterior roof access. They are ideal for chimneys, towers, vats, antennas, tanks, water treatment plants, refineries and other industrial or marine applications. For ladders in excess of 20' (6.1m), cages and rest platforms are available. Security doors are offered.

CONSTRUCTION & MATERIALS

ALACO aluminum ladders and their components are fabricated from 6061-T6 aluminum alloy for added safety, strength and long-lasting durability, with no painting required. Model 563 fixed wall ladders include side rails with 1-1/8" (29 mm) round rungs that are serrated and secured with cast aluminum connectors, 4 solid rivets and 3/8" (9.5 mm) thick brackets mounted to the walls.

Model 563 accessories include the following items:

Cages - These cages consist of 1/4" x 2" (6.4 x 51 mm) hoops and seven 3/16" x 1-1/2" (4.8 x 38 mm) vertical bars, with solid riveted connections.

Rest Platform - These platforms consist of GripStrut® floors, 4" (102 mm) high toe boards, 1-1/4" (32 mm) round serrated tube guard railings and cast aluminum railing fittings.

Security Doors - These doors are fabricated from 0.188" (4.8 mm) thick aluminum sheets, with securing piano hinges and hasps.

Note - Cages are required for wall ladders when installations are in excess of 20' (6.1 m) in height. Platforms are required for ladders over 30' (9.2 m).

TYPE

Fixed Wall Ladders- Model 563- Parapet return

SIZES

Height- Exceeding 20' (6.1 m) installed with cage; over 30' (9.2 m) installed with cages and rest platforms.

Width- 20-1/4" (514 mm)

FINISHES & COATINGS

Mill finish is standard on aluminum ladders.

Factory applied paint coatings and chem-film treatment for field applied primers are available upon request.

Custom coatings and surface treatments are also offered.

Technical Data

APPLICABLE STANDARDS

American National Standards Institute (ANSI) - ANSI A14.3 American National Standard for Ladders - Fixed - Safety Requirements

APPROVALS

U.S. Occupational Safety and Health Administration (OSHA)

ALACO aluminum ladders are certified to meet OSHA/ANSI A14.3 standards for fixed wall ladders.

ENVIRONMENTAL CONSIDERATIONS

Metals used in these products are presumed to be recyclable upon demolition.

PHYSICAL/CHEMICAL PROPERTIES

Additional material and product information and performance data are available to design professionals upon request.

Installation

PREPARATORY WORK

Handle and store product according to ALACO recommendations.

METHODS

Model 563 Fixed Aluminum Ladder Standard Assembly

Install top of the top rung, level with top of access/egress level or landing platform, served by the ladder stepping-off surface and space rungs 12" (305 mm) on centers to bottom rung.

Note - Bottom rung height from ground will vary depending on roof height.

Install parapet railing 42" (1067 mm) above top rung, then extend horizontally and return to roof or the rear of the parapet.

Note - Rungs can return to the roof if the parapet is high enough to require them.

Complete installation recommendations for all product models are available from the manufacturer.

BUILDING CODES

Building code requirements and product compliance data can be obtained from the manufacturer. Installation must comply with applicable local, state and national code jurisdictions.

Availability & Cost

AVAILABILITY

Contact manufacturer for information on product availability.

COST

Budget pricing and installed cost information may be obtained from the manufacturer.

Warranty

ALACO ladders carry a limited warranty of 5 years.

Maintenance

ALACO ladders are maintenance-free, with no painting required.

Technical Services

A staff of factory trained service personnel offers design assistance and technical support. ALACO Ladder Co. offers shop drawings, guide specifications and design consultation.

Filing Systems

Additional product information is available from the manufacturer upon request.