



Sunnyvale Department of Public Safety



FIRE PREVENTION UNIT

Ladder **-Specifications/Requirements-**

REQUIREMENTS:

Ladder purchase, storage, and maintenance are an alternate materials/methods for the required access of emergency egress windows in residential occupancies. These requirements will generally be made as a condition of approval for the project, but may be added later if the initial plans did not indicate an alternate means may be required.

Ladder requirements shall be written in any Covenants, Conditions, & Restrictions (CC&Rs) or other legal documents as appropriate, and shall indicate who the responsible party for purchase and maintenance will be.

STORAGE:

Ladder storage shall be in a secure, dry, enclosed, and readily accessible location. Ladder(s) shall be stored horizontal at/near ground level. Access to the ladder(s) shall be either along the horizontal length of the storage enclosure, or via the end of the storage enclosure. The ladders shall be stored on rollers or a form of glides used to facilitate easy removal from the enclosure. The storage location and storage enclosure specifications shall be approved by the Fire Code Official.

The storage enclosure shall be secured using a quality hardened padlock. The key to the padlock shall be stored in each Knox box located on the property. If there are multiple storage enclosures at a project, all enclosure locks shall be keyed the same. Applications for Knox boxes are available through the Sunnyvale Fire Prevention office – (408) 730-7213 or the Knox website.

Storage enclosures shall be marked with a secure sign indicating, "Fire Department Ladder, SDPS Use Only".

INSPECTION/TESTING:

Ladder inspection and testing must occur by a person or company approved by the Fire Code Official. Inspection and testing frequency shall be conducted annually or as approved by the Fire Code Official.

The annual inspection report must be posted in a visible location inside the ladder storage enclosure.

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LADDER CARE AND MAINTENANCE:

Refer to Duo Safety's Ladder care and Maintenance document.

LANDSCAPING/OBSTRUCTIONS:

Landscaping or other potential obstructions must be approved by the Fire Code Official and the Building Department as a condition of accepting the ladder alternate materials/methods.

The general requirement for a hardscape pad below an emergency egress window is as follows: Beginning 4 feet away from the building, ending 15 feet away from the building, and 3 feet wide. The material for the hardscape shall be continuous for the entire length/width and shall be approved by the Fire Code Official.

Landscaping on each side of the hardscape pad shall be approved by the Fire Code Official. Generally, we will require 2 feet of low height plants on each side of the pad in order to facilitate firefighters walking in this area in order to maneuver the ladder.

Ladder placement angle is 70 degrees.

LADDER SIZE & QUANTITY:

The standard ladder requirement shall be 1- 35' extension ladder and 1 – 24' extension ladder for each required area. Additional ladders or sizes shall be determined by the Fire Code Official.

Sunnyvale Department of Public Safety

FIRE PREVENTION UNIT

**35 Foot – 2-section extension ladder
Duo-Safety brand**

Solid Beam Aluminum Ladders



**Three Section
Series 1225-A**

(2 section – no photo)

These incorporate Duo-Safety's exclusive tongue and groove arrangement. This outstanding construction design holds the sections firmly and rigidly, without brackets, hooks, or obstructions of any kind. These compact ladders require a minimum of banking space - and have the extra advantage of being especially stable and rigid. See our [Price List](#) for current pricing.

Series 1200-A

- 3-3/4" Channel Rail
- 750lb Duty Rated

SPECIFICATIONS				
SERIES 1200-A 2-SECTION				
Size	Closed Length	Width	Banking Thickness	Weight
35'	20' 3.25"	24"	6.5"	122#

All dimensions listed are N.F.P.A. Design Verification Standards. Variations occur in each product of approximately +/- .125" due to the type of rivets, nuts, bolts etc. used. If you require precise dimensions, please call our office and request a copy of our current field dimension sheets.

Prong feet as Standard
Rubber safety shoes optional for hard surface use.

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FIRE PREVENTION UNIT

**24 Foot – 2-section extension ladder
Duo-Safety brand**



**Two Section
Series 900-A**

Solid Beam Aluminum Ladders

These incorporate Duo-Safety's exclusive tongue and groove arrangement. This outstanding construction design holds the sections firmly and rigidly, without brackets, hooks, or obstructions of any kind. These compact ladders require a minimum of banking space - and have the extra advantage of being especially stable and rigid. See our [Price List](#) for current pricing.

Series 900-A

- 3-1/4" Channel Rail
- 750lb Duty Rated

SPECIFICATIONS

SERIES 900-A 2-SECTION

Size	Closed Length	Width	Banking Thickness	Weight
24'	14' 2.75"	21.75"	5.375"	72#

All dimensions listed are N.F.P.A. Design Verification Standards. Variations occur in each product of approximately +/- .125" due to the type of rivets, nuts, bolts etc. used. If you require precise dimensions, please call our office and request a copy of our current field dimension sheets.

Prong feet as Standard
Rubber safety shoes optional for hard surface use.

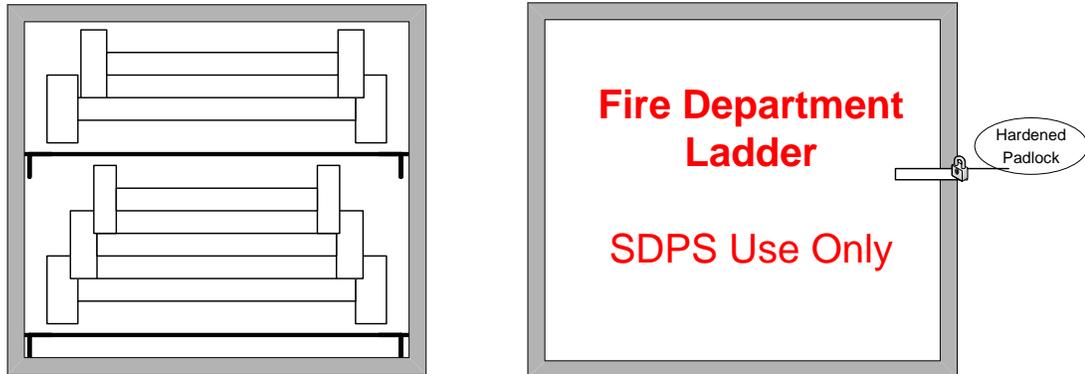
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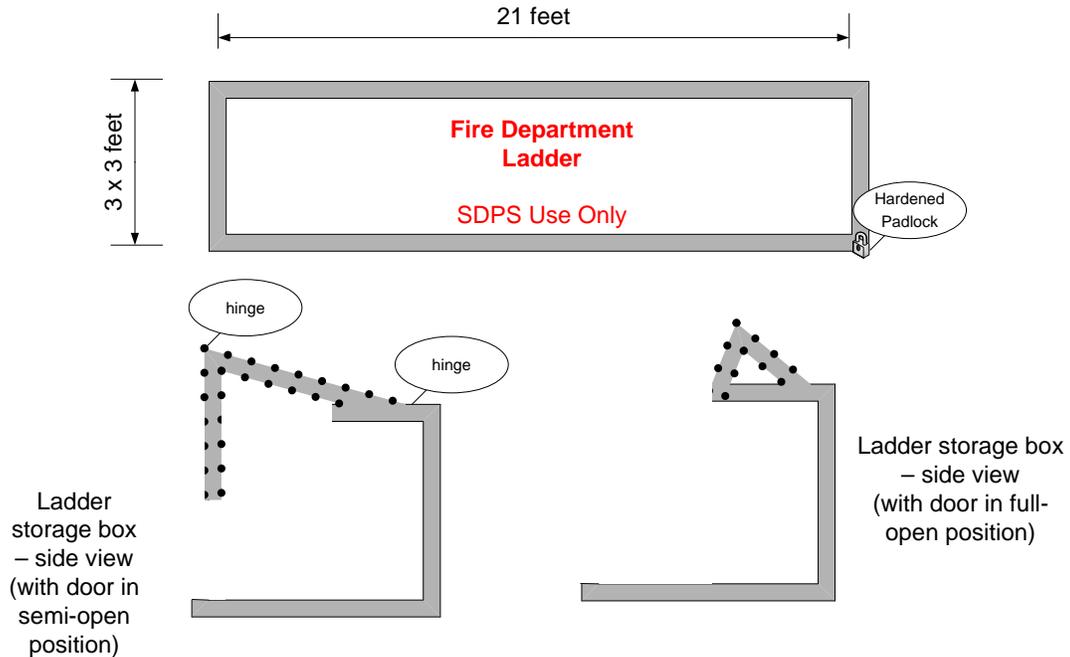
FIRE PREVENTION UNIT

LADDER STORAGE CONFIGURATIONS

End Storage



Horizontal Storage



**STORAGE CONTAINER SIZE IS DEPENDENT ON NUMBER AND SIZE OF LADDERS
(Measurements listed are suggested minimum size)**

Sunnyvale Department of Public Safety

FIRE PREVENTION UNIT

**45 Foot – 3-section extension ladder “Bangor”
Duo-Safety brand**



Solid Beam Aluminum Ladders

These incorporate Duo-Safety's exclusive tongue and groove arrangement. This outstanding construction design holds the sections firmly and rigidly, without brackets, hooks, or obstructions of any kind. These compact ladders require a minimum of banking space - and have the extra advantage of being especially stable and rigid. See our [Price List](#) for current pricing.

Series 1525-A

- 5" Channel Rail
- 750lb Duty Rated

SPECIFICATIONS

SERIES 1525-A 3-SECTION WITH POLES

Size	Closed Length	Width Over Poles	Banking Thickness	Weight With Poles
45'	19'	26.5"	9.8"	240#

All dimensions listed are N.F.P.A. Design Verification Standards. Variations occur in each product of approximately +/- .125" due to the type of rivets, nuts, bolts etc. used. If you require precise dimensions, please call our office and request a copy of our current field dimension sheets.

Base width is 24" standard plus 2-1/2" to go over poles.
Weight without poles deduct approx. 35 lbs each.

14" Rung Centers

Prong feet as Standard
Rubber safety shoes optional for hard surface use.

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FIRE PREVENTION UNIT



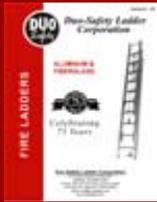
DUO SAFETY LADDER CORPORATION

"Use A Good Ladder Or Stay On The Ground"

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NEW



Request A Catalog



Aluminum Ladders

Please choose model number:

Please select.....

Don't know the model number? See below list of either Solid Beam or Truss Ladders.

Solid Beam Aluminum Ladders

- [Roof Ladder](#)
- [Double End Roof Ladder](#)
- [Wall Ladder](#)
- [2-Section Extension 10ft - 16ft](#)
- [2- Section Extension 20ft - 24ft](#)
- [2-Section Extension 28ft - 35ft](#)
- [2-Section Extension 40ft - 45ft](#)
- [3-Section Extension 16ft - 20ft](#)
- [3-Section Extension 22ft - 26ft](#)
- [3-Section Extension 28ft - 35ft](#)
- [3-Section Extension 40ft - 45ft](#)
- [Folding Roof Ladder](#)
- [Folding Ladders \(aka attic ladders\)](#)
- ["Fresno" Attic Ladder](#)
- [Combination Step and Extension Ladders](#)
- [Jackknife A & Single Ladders](#)
- [Pompier Ladder](#)

Truss Aluminum Ladders

- [Roof Ladder](#)
- [Wall Ladder](#)
- [2-Section Extension](#)
- [3-Section Extension](#)

[What's the difference between Solid Beam and Truss?](#)

**Duo-Safety Ladder Corporation 513 W 9th Avenue
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