

Choose the Right Extension Ladder

An **extension ladder** is the best choice when:

- the job involves using a ladder to access another level
- the ground is uneven/not level at job site
- there is a stable top support point available

Ladder Height

Ladder Size	Maximum Extended Length	Reachable Job Height*	Height to Gutter or Top Support Point +
16'	13'	6-15'	9' max
20'	17'	6-19'	9-13'
24'	21'	8-23'	13-17'
28'	25'	10-27'	17-21'
32'	29'	12-31'	21-25'
36'	32'	14-34'	25-28'
40'	35'	16-37'	28-31'

* Assumes a 5'6" person with a 12" reach, job on wall supporting ladder

+ Support point heights for extension ladders reflect section overlap, ladder angle, and 3' extension above roof line.

Ladder Composition

Feature	Fiberglass	Aluminum
Safe(r) near electricity	✓	⊘
Extreme temperatures	✓	✓
Won't dent, shatter, rust, corrode	✓	✓
High-visibility color	✓	⊘
Lightweight	⊘	✓

Ladder footings

Choose a ladder with the appropriate footings for the job, such as anti-slip safety shoes, spurs, or spikes.



Weight limit

Do not exceed the ladder weight rating, found on the sticker on the side of the ladder. This includes:

Your body weight



Weight of your clothes and PPE



Weight of tools and supplies

Inspection Checklist: Extension Ladders

- Inspect your ladder **every** time you use it.
- If the answer to any of these questions is yes, do **NOT** use the ladder until problem is fixed!

<p>Rungs</p> <p>Are any rungs loose, cracked, bent or missing?</p> <p>Is there dirt, oil or other material on rungs?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>
<p>Rails</p> <p>Are rails cracked, bent, split or frayed?</p> <p>Are labels missing or not readable?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>
<p>Rung Locks</p> <p>Are the rung locks loose, bent, missing or broken?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p>
<p>Rope and Pulley</p> <p>Is the pulley loose, bent or broken?</p> <p>Is the rope damaged or frayed?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>
<p>Ladder Feet</p> <p>Are the slip-resistant grips worn, broken or missing?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p>
<p>General</p> <p>Is there any rust or corrosion on the ladder?</p> <p>Are there any loose or damaged rivets or screws?</p> <p>Are the braces loose, bent, missing, or broken?</p> <p>Does the ladder feel unstable or wobbly?</p>	<p>Yes No</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p><input type="checkbox"/> <input type="checkbox"/></p>

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