

# PLATFORM STEP LADDER



- Aluminium therefore lightweight yet strong & durable
- 3" ribbed steps for safe climbing
- 10" ribbed top platform for maximum safety & comfort
- Handrail to top for added support
- Non-slip, non-conductive plastic feet for extra grip
- Smooth, quiet opening/closing action
- User-friendly anodised satin finish
- Compact to store & transport
- EN131 150kgs (23.5 stone) maximum load



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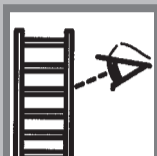
# Aluminium double extension ladders (steps)

## INSTRUCTION FOR USE

EN 131



picture 1



picture 2



picture 3



picture 4



picture 5



picture 6



picture 7



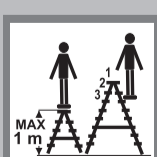
picture 8



picture 9



picture 10



picture 11

### Before using the ladder read the instructions for use carefully (pic.1)

#### 1. The main reasons for accidents occurring during use of ladders

- a) **Loss of stability**
- Incompletely opening a double extension ladder
  - The bottom slipping
  - Slipping to the side, falling to the side
  - Ladder condition
  - Terrain conditions (unstable soft soil, sloping terrain, slippery surfaces or soiled solid surfaces)
  - Unfavourable weather conditions (windy weather)
  - Collision with the ladder (door or a vehicle)
  - Unsuitable selection of a ladder (too short, unsuitable activities)
- b) **Manipulation**
- Assembling and disassembling the ladder (having fingers pinched by another person)
  - Carrying items up the ladder (heavy or large items, loss of stability)
- c) **The user slipping or falling**
1. Unsuitable footwear
  2. Dirty rungs or steps
  3. The user's dangerous actions (climbing the ladder two rungs at a time, etc.)
- d) **Structural defect in the ladder**
- Condition of the ladder (damaged side-rails, wear, or loss of plastic stops)
  - Over-loading the ladder
- e) **Danger posed by electrical current**
- Unavoidable work under voltage (contact when establishing a defect)
  - Positioning the ladder immediately next to electrical equipment under voltage (electrical mains above the user's head)
  - Ladders damaging electrical equipment (covers or protective insulation)
  - Incorrect selection of the type of ladder for electrical work

#### 2. Instructions for use

##### 2.1 Before use

- Make sure that you are fit enough to use the ladder. Using the ladder in certain states of health or when using certain medication, during excessive consumption of alcohol or drugs, may be dangerous.
- When moving the ladder using a vehicle roof carrier or in vans, make sure it is suitably positioned and secured to prevent damage.
- After the ladder is delivered, before it is first used, check the given condition and functionality of all components.
- At the beginning of the day, when the ladder is to be used, perform a visual inspection of the ladder to make sure it is not damaged and that its use will not pose a risk (pic. 2).
- In the case of professional users, a regular inspection is required (see periodic inspection once a year).
- Make sure that the ladder is suitable for the specific activity.
- Do not use a damaged ladder.
- Remove any soiling from the ladder, for example wet paint, mud, oil or snow.
- Before using the ladder at the workplace perform a risk assessment.

##### 2.2 Situating and positioning the ladder

- Stepladders must be opened completely (pic. 3).
- Folding equipment of a type with wind-brace rods must be secured completely (pic. 4).
- The ladder must be used on a level, horizontal and unmoving surface (pic. 5 and 6).
- The ladder must never be moved from above.
- When positioning the ladder take into consideration the risk of something colliding with the ladder in the work area, for example pedestrians, vehicles or doors; if possible secure doors (not emergency exit doors) and windows.
- Establish any electrical risks within the work area, for instance electrical or other mains above the user's head, other unprotected electrical equipment (pic. 7).
- The ladder must be supported on its feet, not on the rungs or steps.
- Ladders must not be positioned on slippery surfaces (for instance on ice, shiny surfaces or heavily soiled solid surfaces), unless sufficiently effective measures are taken to prevent the ladder from slipping, or unless the soiled surface is sufficiently cleaned (pic. 8).

##### 2.3 Using the ladder – general rules

- Do not exceed the maximum loading capacity of the specific type of ladder. Max. 150 kg (pic. 9).
- Do not lean out; during their activities users should keep the centre of their body (stomach) between the side-rails and both their feet on the same step/rung (pic. 10).
- Do not use stepladders to access another level (a higher storey).

- Do not stand on the upper two rungs of stepladders higher than 1 m and without a handle (pic. 11)
- Ladders should only be used for light and short-term work.
- Use ladders that are not conductive for unavoidable electrical work under voltage.
- Do not use the ladder outside during unfavourable weather conditions, for instance during strong winds (pic. 12).
- Take safety measures to prevent children from playing on ladders.
- If possible secure doors (not emergency exit doors) and windows in the work area to prevent falls from the ladder as the result of a collision between the ladder and door.
- When getting on and getting off the ladder, always face the ladder (pic. 13).
- When getting on and getting off the ladder, hold onto the ladder securely.
- Do not use the ladder as a bridge (pic. 14).
- Use suitable footwear.
- Avoid excessive lateral force, for example drilling into bricks or concrete when working on stepladders.
- When working on a ladder do not use chainsaws and other dangerous equipment, which could cause serious injuries.
- Do not stay on the ladder too long without regular breaks (weariness is a risk).
- When carrying out work performed from a ladder, hold onto the handle; take additional safety measures if this is not possible,
- Only one individual is permitted to work on the ladder (pic.15 and 16).
- Use suitable footwear.

#### 2.3.1.Using ALVE products

##### Single-sided and double-sided stepladders (steps)

This concerns single-sided or double-sided climbing steps, double-sided stepladders for household use. These can be used on level and solid floors (not in the garden in soft terrain). Helper 91x and 92x steps are not suitable for professional use, particularly where adherence to the maximum load of 150 kg is not guaranteed.

##### Procedure during use of this type of climbing step:

- Remove packaging.
- Stand the steps up and open them out as much as possible (the straps should be stretched tight, pic. 4), straps are used on single-sided steps from type 915).
- The platform with cut-out segments on single-sided steps must be seated onto the top pipe of the supporting section in the final phase of opening. There is no groove in the platform on type 93xx, the steps only need to be opened to the maximum possible degree. When folding the steps the platform must be lifted at the back and the steps folded.
- Do not step on the pipe or the profile of the supporting section of single-sided steps (pic. 17).
- Carefully check the condition of the straps, which are there to prevent the steps from opening too much (pic. 18).

#### 2.4. Cleaning ladders

You may clean the products using standard detergents or alcohol. If the product is splattered by paint when painting, you can clean the products using the appropriate solvents intended for thinning the paints you are working with. Ladders must not come into contact with acid and lye.

#### 2.5. Storing step ladders

- Store the ladders in a dry airy area horizontally, or suspended vertically. If ladders are stored vertically they must always be secured against falling.
- Ladders should not be subject to the direct effects of weather for extended periods.
- Prevent children from accessing stored ladders.
- Lubricate the moving parts (catches, joints) with oil before storing.

#### 3.1.Ladder repairs

User may perform smaller repairs such as tightening screw joints themselves, extensive repairs are carried out by the manufacturer.

**Welding damaged side-rails and rungs or carrying out similar repairs, which could reduce the strength of the ladder is forbidden.**

#### 4.1.Disposal of worn or damaged ladders

No dangerous materials were used during manufacture of ladders. Ladders can be disposed of at waste collection facilities, or the ladder can be dismantled and separated into individual materials (aluminium, iron and plastic).

**Manufacturer's address: ALVE spol. s.r.o., Veřovice no. 80, 742 73 Veřovice Czech Republic, tel.: 556 880 211, fax: 556 880 210, e-mail: [alve@alve.cz](mailto:alve@alve.cz), [www.alve.cz](http://www.alve.cz)**



picture 12



picture 13



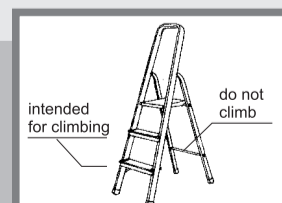
picture 14



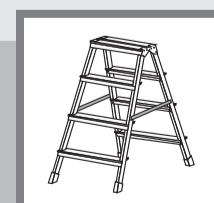
picture 15



picture 16



picture 17



picture 18