WALL LADDER

1. Picture of the product

2. Product description

The ladder frame lengths are 1.8 m, 2.4 m, 3.0 m and 4.2 m, and they can be extended. The internal distance of the side rails is 400 mm in standard. Ladder feet are available in the following lengths: 0.175 m, 0.40 m, 0.60 m, 0.80 m, 1.0 m, 1.2 m and 1.5 m. There are three predrilled holes in the ladder feet so that a 1.0 m ladder foot, for example, can be easily cut into a 0.90 m or 0.80 m ladder foot.

The ladder frame and feet are made of 45 x 25 x 1.25 mm hot dip galvanised oval tube. The zinc volume is 350 g/m2 (= 25 µm) in all the parts. Vesivek powder coated ladder corresponds to minimum 50 µm hot-dip galvanisation in terms of corrosion protection.

The wall ladder should always be installed at the end of the building, if possible. The ladder is installed at the end of the building at the same place as the roof walkway (max. 3 m from the ridge). This protects the ladder from snow loads, and the top curves can be attached firmly to the roof walkway.

If the wall ladder is placed at the side eaves, the ladder is exposed to snow loads, and installing a snow guard on both sides of the ladder is recommended.
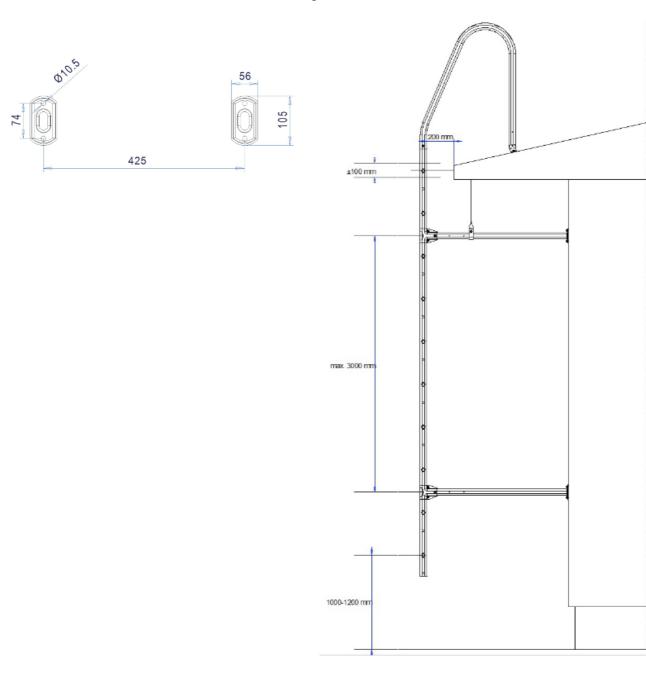
If the climbing height is over 8 m, the ladder is recommended to be equipped with a vertical safety rail or ladder cages. A vertical safety rail is usually used in residential buildings due to visual preferences, and both solutions are used in other buildings.

Installing an anti-slip device or a roof walkway on the metal sheeting at the eaves is recommended to prevent slipping.

2. Technical information

- The frame length of the standard ladder usually equals the distance from the ground to the eaves minus 0.8 m.
- The highest step of the ladder must be placed at + - 0.1 m from the eaves.
- In the case of normal side eaves, 1 m feet are adequate; at the end of the building, 0.8 m feet are used.
- The distance of the lowest step of the ladder from the ground is approximately 1.0–1.2 m.
- The feet are attached as shown in the figures below.