

Side bars

1. Planning the location

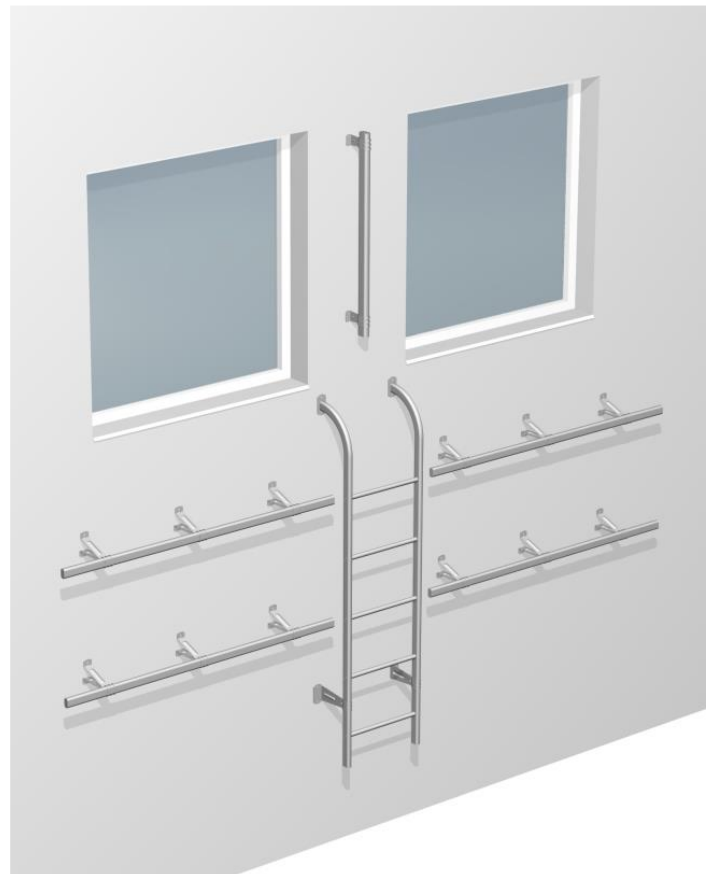
- The ladders of emergency exits must be designed and constructed in such a way that they can be used in case of emergency.
- A suitable side bar or other support is fitted on the wall to facilitate moving horizontally.
- Side bars and side bar feet can be used to construct horizontal supports for exit and vertical grips.

2. Dimensions and dimensioning

- The side bars are made of 45 x 25 x 1.25 mm oval tube.
- The maximum distance between side bar feet is 0.8 m
- A suitable vertical distance between side bars is approximately 0.9–1.2 m.
- The end of the side bar may protrude maximum 100 mm from the foot.

3. Parts needed for installation

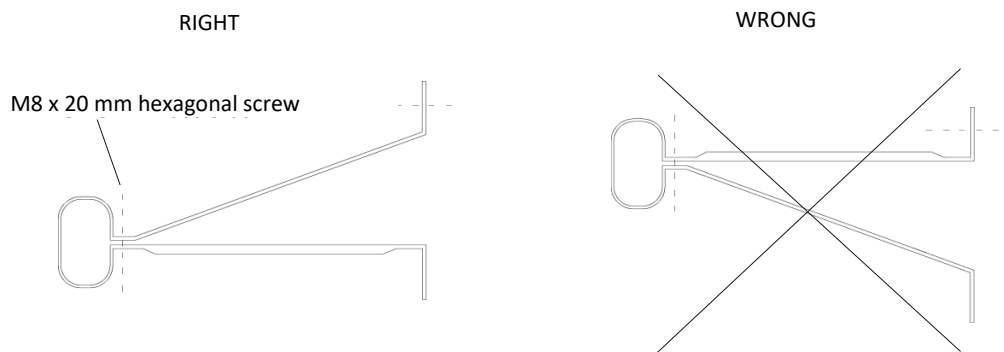
1. Oval tube 1.5 m
2. Side bar foot
3. HVAC screw 7 x 50 mm
4. Hexagonal screw M8 x 20 mm
5. Nut M8



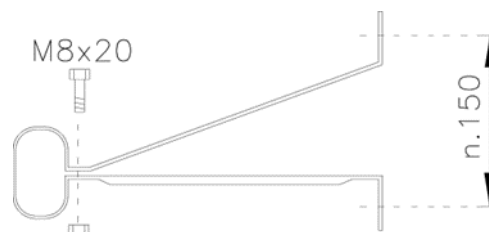
4. Installation order

- When you have planned the locations and lengths of the horizontal and vertical bars, cut the side bars with hacksaw to the desired lengths.
- Attach the tubes and the feet provisionally on the ground already and place the M8x20 hexagonal screw and M8 nut that lock the bar in place in the bar so that the head of the hexagonal screw points upwards. Do not tighten yet. At least two feet are always used on each bar.

1. NOTE the correct position of the foot in the horizontal bar



2. Attach the tubes to the wall. Adjust the foot so that the distance between the fixing screws is approximately 150 mm, or more, if necessary.



The feet are attached to different facade materials as follows, for example:

Timber cladding:

7 x 50 mm HVAC screws or M8 x 50 mm deck screws. Pre-drill holes for the screws to prevent the timber cladding from cracking. Ensure the attachment of the timber cladding and reinforce, if necessary.

Brick cladding:

10 x 50 mm plastic plug and 7 x 50 mm HVAC screws or M8 x 50 mm deck screws.

Siporex/Leca:

Attach M8 threaded bars on the wall with M8 x 50 rubber nuts or chemical adhesive compound.

3. Finally, tighten the M8 x 20 mm hexagonal screws.