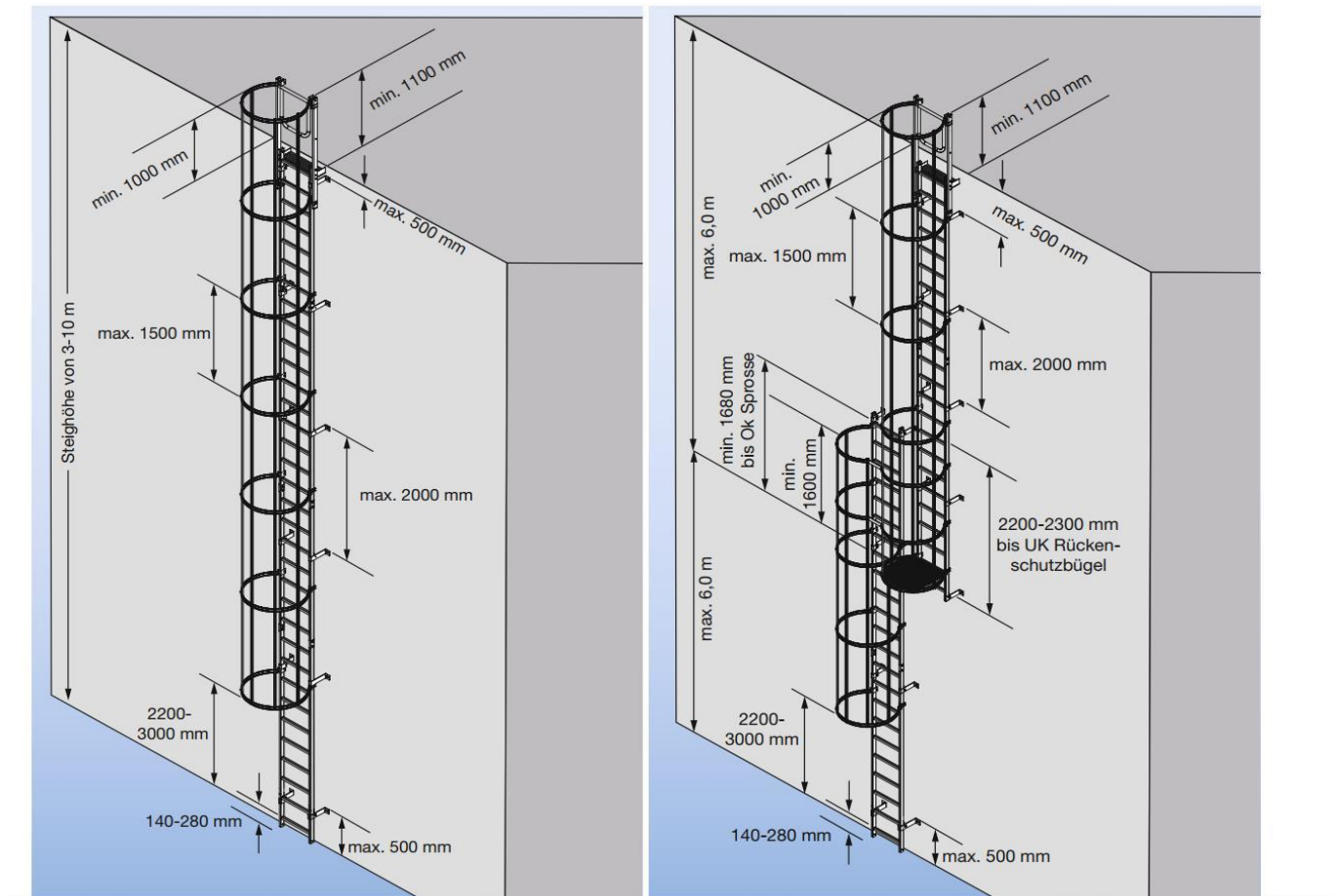


## System description

ROOFCLIMB climbing ladders on machinery allow access for maintenance and servicing work, as well as repair and cleaning work. This can be a building as part of a mechanical system in accordance with DIN EN ISO 14122-4 and DIN 18799-1.

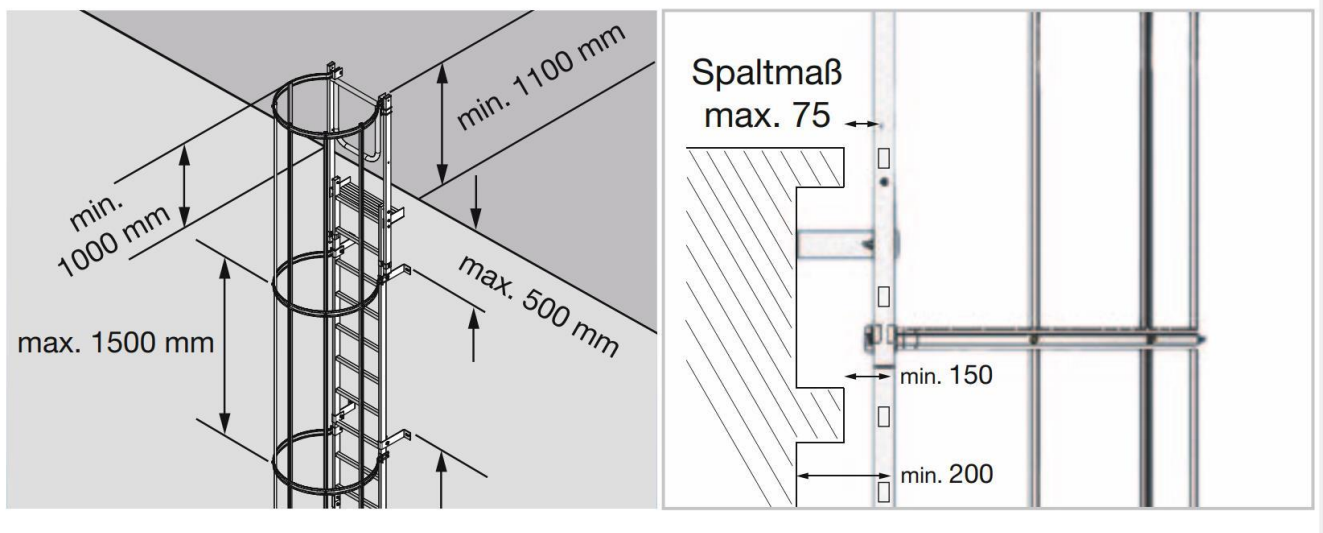
## Please not the following requirements

- Back protection must be provided from a climbing height of 3 m.
- The distance from the lowest back guard ring to the ground is 2,2 m to 3,0 m.
- From a climbing height of 10 m, the ladder must be offset.
- The maximum length of a ladder section must not exceed 6 m.
- The ladder sections can be higher when climbing over from the side.
- At unsecured exit points, guardrails are required on both sides of the ladder.
- A safety gate is required at the exit.
- The ladder must be secured against unauthorised access!



### Installation instructions:

- The distance between access surface and first rung is min. 100 mm to max. 280 mm.
- Max. the maximum distance between the individual fixings must not exceed 2 m.
- The distance between the access surface and the top edge of the wall bracket is min. 200 mm to max. 500 mm.
- The distance between the upper edge of the wall bracket and the exit surface is min. 200 mm to max. 500 mm.
- Wall clearance min. 200 mm, for uneven walls min. 150 mm (rung axis to building).
- The top rung must be flush with the exit surface.
- Gap between ladder and building must not exceed 75 mm.

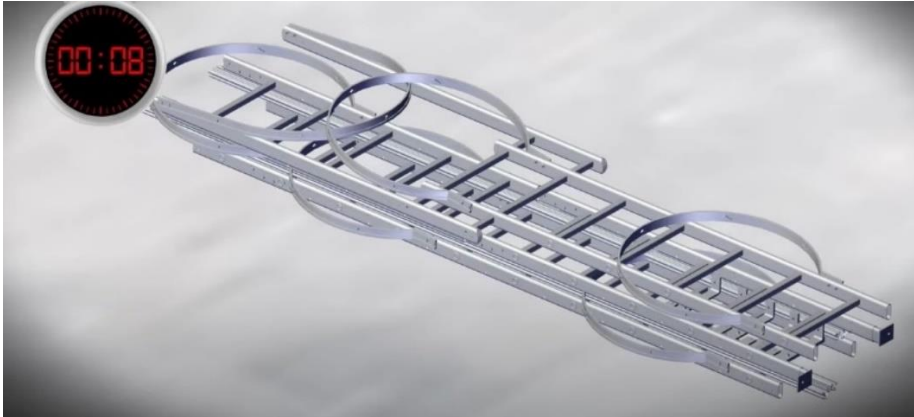


### Assembly steps:

We recommend at least 2 fitters and the use of a lifting platform when fitting the ladder. In the case of an exit step or platform, position 0 of the ladder must always be taken into account with the climbing height + 50 mm.

Our ROOFCLIMB fixed ladders are delivered pre-assembled. The ladder is cut to size in the factory. The back guard (700 mm), the ladder connectors and the fixings are already pre-assembled on the ladder.

1. Open the packaging and separate the conductors E1, E2, E3 ect.

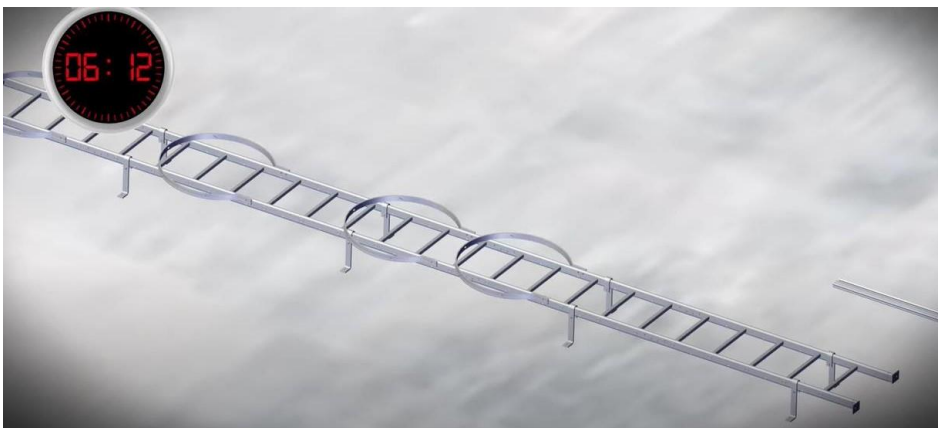


2. Connect the different parts of the ladders according to the plan (E1, E2, E3, E4 etc.).

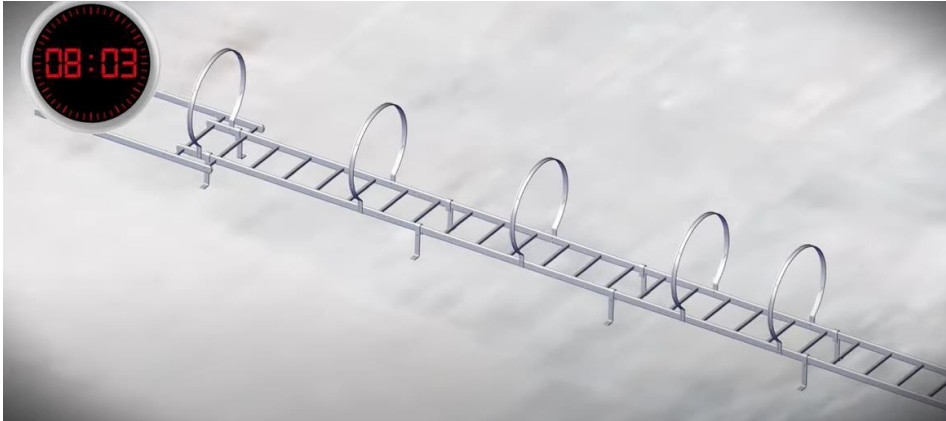
- 2a. First assemble the modules (1, 2 or 3) on the ladder set.



3. After site configuration, position and fix the wall brackets on the ladder.



4. Fold up the back guard.



5. Fasten the back protection struts together according to the plan. Start with the assembly on the exit platform (F1-A, F1-B and F1-C). Attach the struts that have already been lower part of the ladder to the struts that have already been fitted and also attach these to the back guard rails.



6. Set up the ladder vertically.



7. In the calculations for fixed ladders with side rails, a minimum load of 3 kN per rail must be assumed. It can also be assumed that the load is transferred to the mounting surface (e.g. wall) via four anchoring points. Contact the manufacturer directly if you have any questions about the fasteners.
8. Fasten together and install exit steps or platforms from 200 mm to 1200 mm incl. safety gate (see separate installation instructions).
9. Assemble and fit the access safety door (see separate assembly instructions).
10. Exit rails must be connected on both sides with a railing at least 1,5 m long.

### Planning and assembly:

- When planning, please note the dimensions according to the drawing on pages 1 & 2.
- The wall brackets must be selected so that the ladder has a minimum distance of 200 mm from the wall.
- Proof of the load-bearing capacity of the substrate must be provided by the responsible expert for stability. The statics must be checked on site!
- In the calculations for fixed ladders with side rails, a minimum load of 3 kN per rail must be assumed. It can also be assumed that the load is transferred to the fixing base (e.g. wall) via four anchoring points. Please contact the manufacturer directly if you have any questions about the fasteners.
- The instructions for assembly and use must be observed.
- Installation may only be carried out by qualified specialist personnel.

### Storage of the parts:

The individual parts are delivered tightly packed so that the components have surface contact with each other. Despite good packaging, this can lead to oxidation on the surfaces in the event of rain or moisture ingress. Surfaces despite good packaging. This does not constitute a material defect, but does affect the appearance. To avoid this, we recommend unpacking the parts and laying them out individually or storing them in a protected, dry place until installation.

### Use and maintenance:

- The ladder may only be accessed by authorised persons who are in good health.
- Before stepping onto the ladder, it must be visually inspected for any damage.
- ROOFCLIMB climbing ladders are not subject to any maintenance obligation. However, an annual visual inspection should be carried out by specialised personnel. If the climbing ladder is damaged, it must be locked immediately and repaired using original parts.

### Declaration of conformity:

- The declaration of conformity in accordance with DIN EN 14122-4 and DIN 18799-1 is available on request.