

System description

ROOFCROSS roof crossovers are designed for penetration-free installation with ballast on flat roofs that are not accessible to the public. They enable transitions for maintenance work from one roof to another, over fire protection walls, ventilation ducts or other obstacles. ROOFCROSS roof crossovers comply with the requirements of DIN ISO 14122-3.

On special request, the bridging steps can also be designed for connection to maintenance walkways on metal roofs or other special designs.



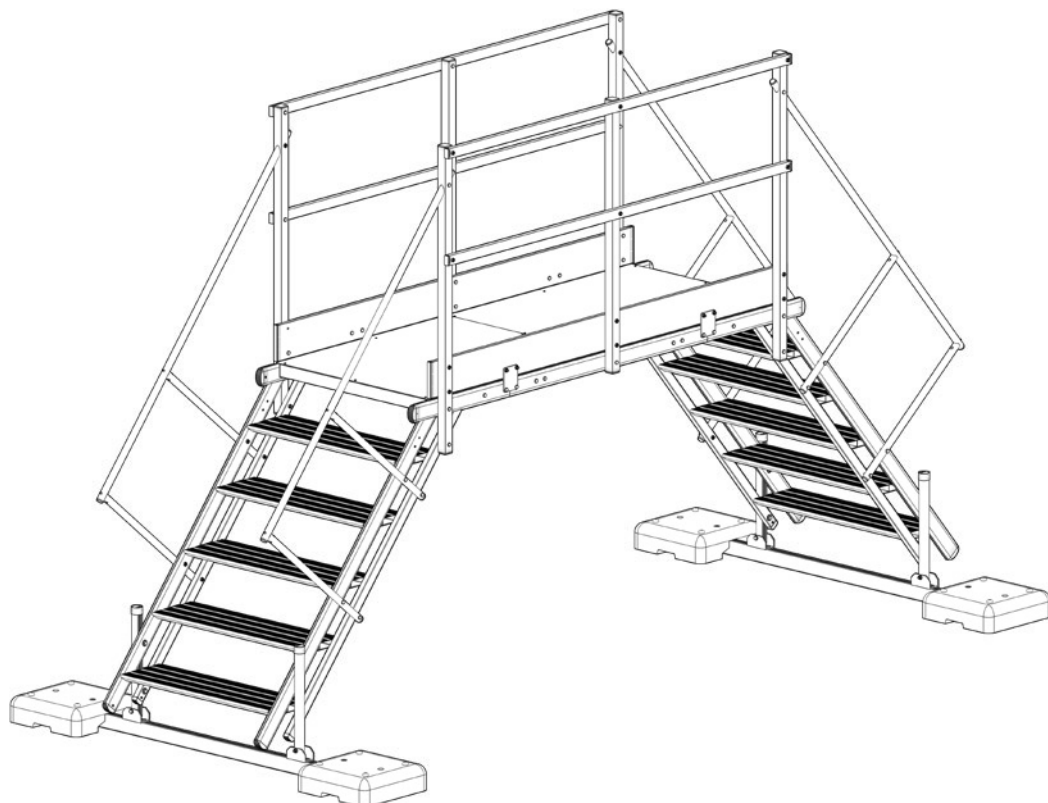
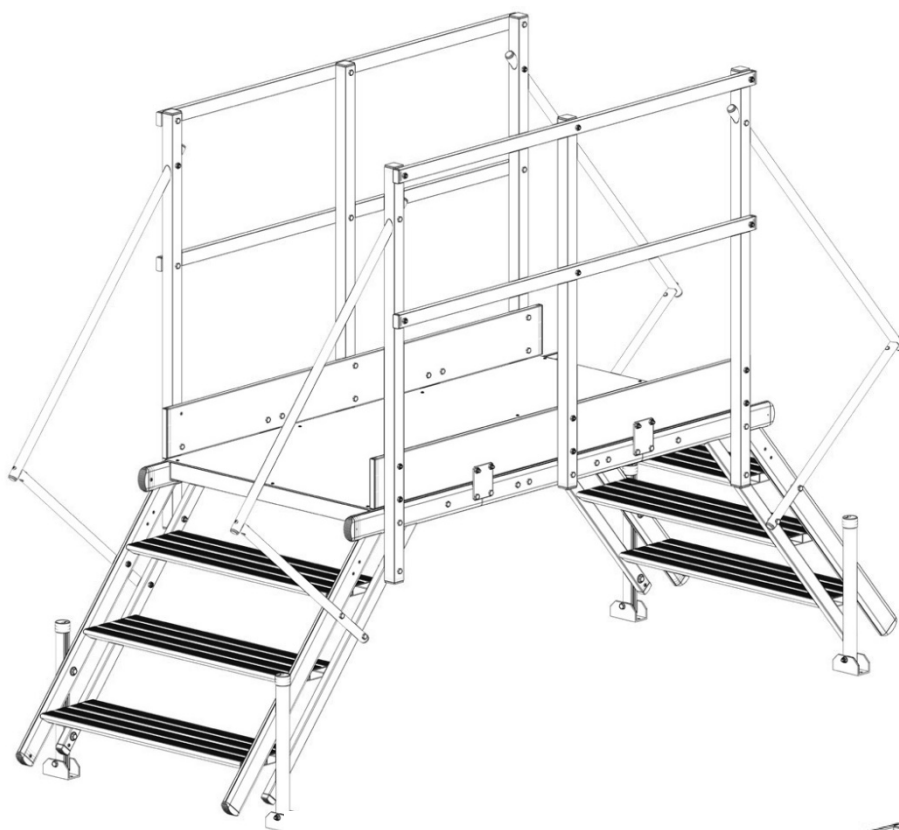
Installation

Please read the assembly instructions before assembling the bridging steps.

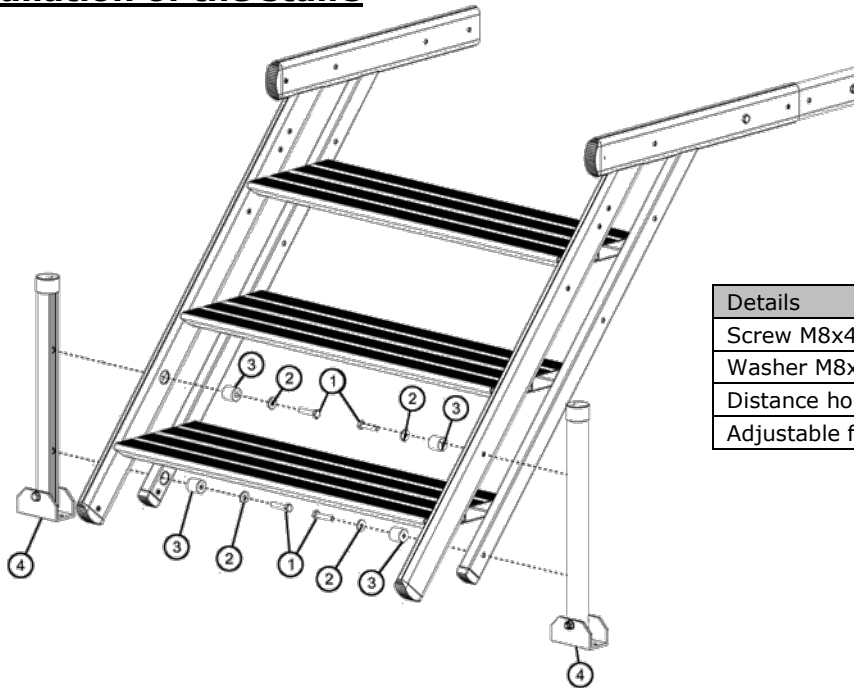
Before assembly, the load-bearing capacity of the roof structure and thus the suitability for a load-bearing bridging step must be checked at the appropriate location.

The bridging steps are designed for a maximum roof pitch of up to 5°. Please note that the roof edge must be secured separately as soon as a roof is to be accessed for maintenance purposes.

View

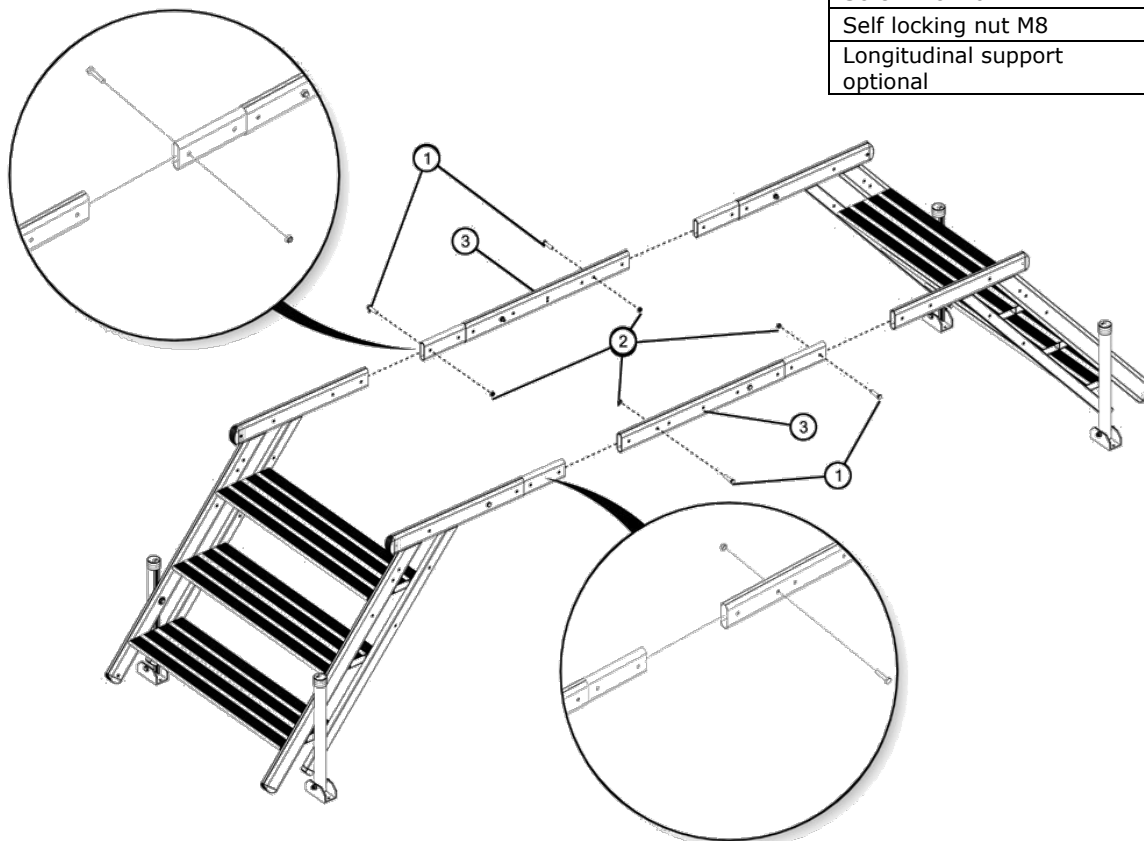


1. Installation of the stairs



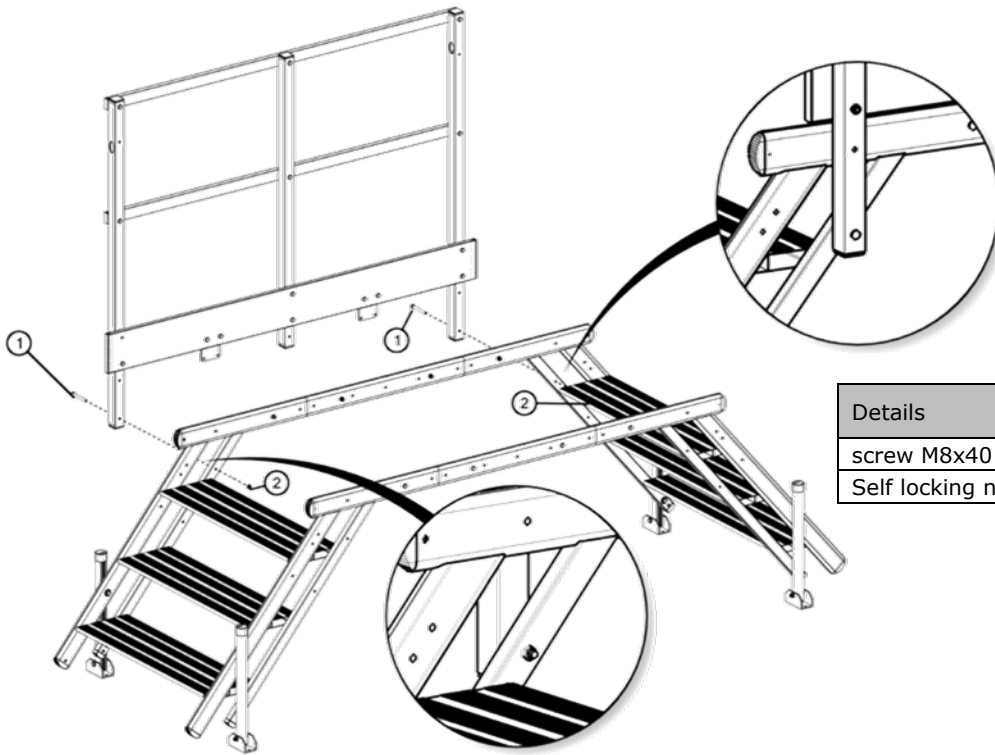
Details	Nr.	Quantity
Screw M8x40	1	4
Washer M8x22	2	4
Distance holder 8,4x25x25	3	4
Adjustable foot	4	2

2. Installation of the stairs optionally with longitudinal support for long platform



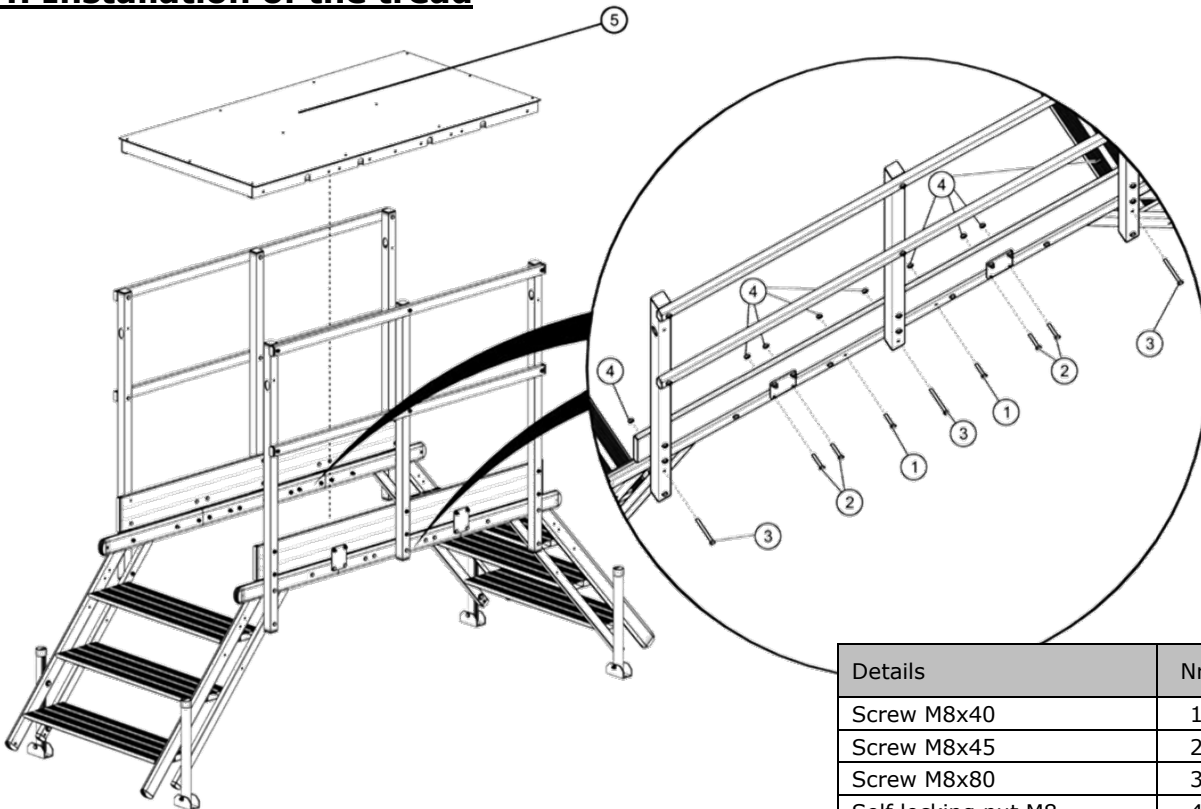
Details	Nr.	Quantity
Screw M8x40	1	4
Self locking nut M8	2	4
Longitudinal support optional	3	2

3. Installation of the railings



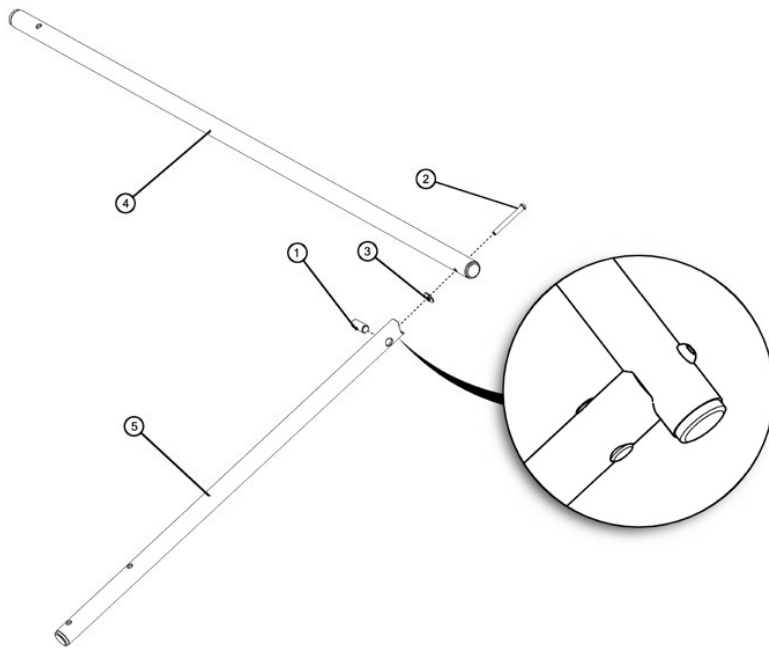
Details	Nr.	Quantity per side
screw M8x40	1	2
Self locking nut M8	2	2

4. Installation of the tread



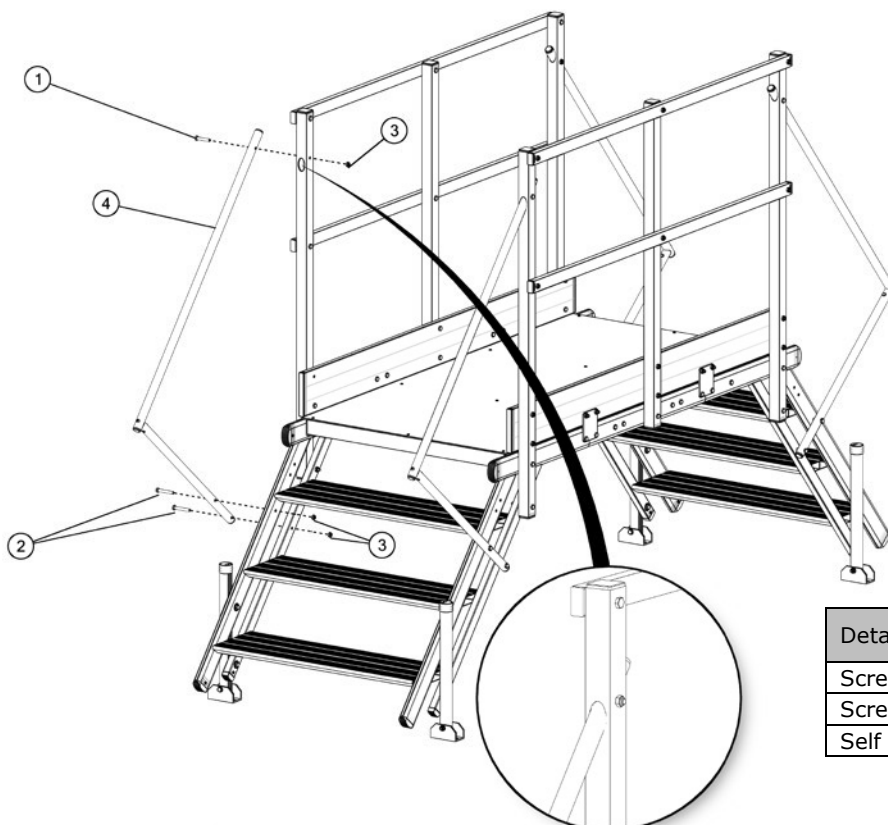
Details	Nr.	Quantity per side
Screw M8x40	1	2
Screw M8x45	2	4
Screw M8x80	3	3
Self locking nut M8	4	9
Tread	5	1

5. Installation of the stair railings



Details	Nr.	Quantity per side
Aluminium cylinder ø12 mm with thread length 28 mm	1	1
Screw M6x60	2	1
washer M6x18	3	1
Handrail	4	1
Post	5	1

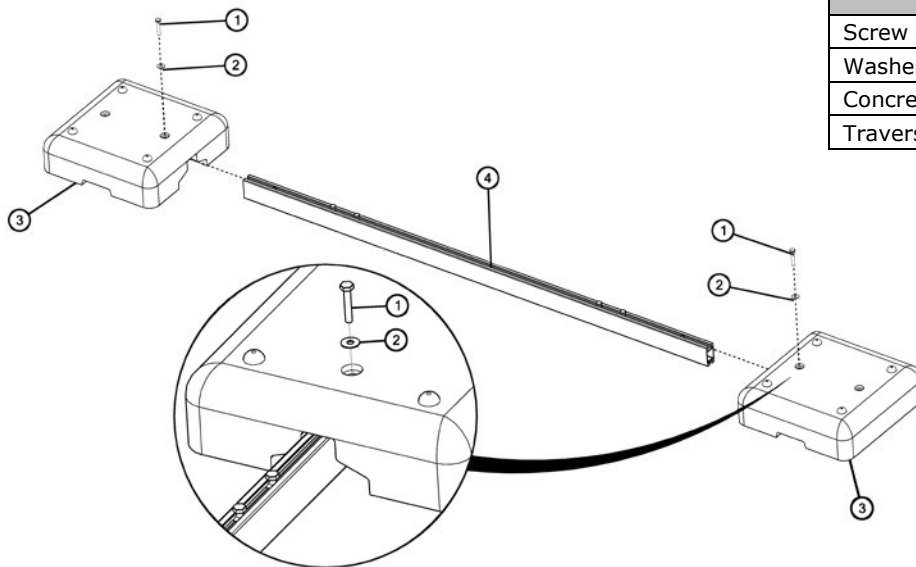
6. Installation of the stair railing



Details	Nr.	Quantity per side
Screw M8x50	1	1
Screw M8x60	2	2
Self locking nut M8	3	3

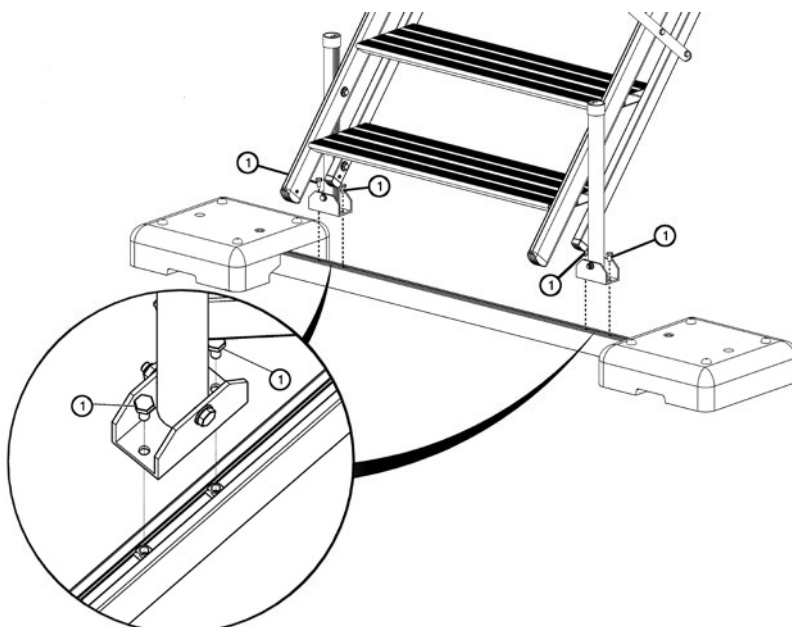
Version with top load

1. Installation of the weights on the traverse



Details	Nr.	Quantity per stairs
Screw M8x45	1	2
Washer M8x22	2	2
Concrete weight	3	2
Traverse	4	1

2. Installation on the stairs



Details	Nr.	Quantity per side
Screw M8x16	1	4

Storage

The grates are made of aluminium or galvanised steel, the support structure is made of aluminium. When exposed to moisture, the surfaces can oxidise and lose their shine or develop stains. This oxidation does not attack the metal itself, but forms a natural protective layer. The optical changes have no effect on the quality of the components and the transition. We recommend storing the components in a dry and ventilated place, protected from moisture, until they are installed.

Maintenance

ROOFCROSS should be inspected at intervals of max. 2 years. Particular attention should be paid to loose or deformed parts as well as corrosion. If there are concerns about the functionality of the walkway or the anchoring device, these must be inspected and, if necessary, serviced before the next time the roof is entered.

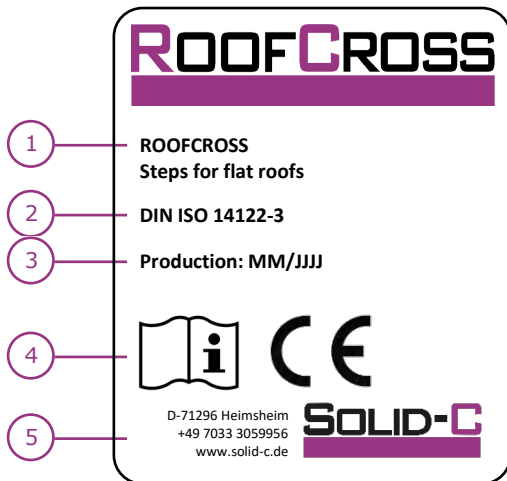
General safety instructions

For the duration of the assembly, protection against falling must be provided, e.g. by means of an appropriate scaffold or anchoring equipment. Make sure that the assembly is only carried out by instructed specialists in compliance with the specifications for carrying out work at appropriate heights.

Only undamaged original parts are to be used for assembly, and no changes may be made to them that impair their function or safety. Should it be necessary to dismantle the railing, this must be carried out in reverse order to the assembly instructions.

After a person has fallen or an object has fallen into the guardrail, as well as after incorrect installation, the guardrail may only continue to be used if it has been inspected by a competent person and approved in writing for the intended use.

Marking



- 1 Product and type identification
- 2 Standard and classification
- 3 Year of manufacture and serial number
- 4 Note that instructions for use must be observed
- 5 Manufacturer

Disclaimer

The load-bearing capacity of the substrate must be checked by the customer. Solid-C cannot make any statements about this. In addition to these installation instructions, the installing company has to observe the valid regulations and rules of technology. Solid-C GmbH is not liable for the dimensioning instructions contained in commercial offers, since it is generally not possible to agree on all technical framework conditions within the scope of tender submissions. The installation company is responsible for the mechanical durability of the mounted products to the building envelope, especially for their tightness. The components of Solid-C GmbH are designed for this purpose according to the expected loads and the valid state of the art. Solid-C GmbH does not assume any liability for damages caused by improper installation.