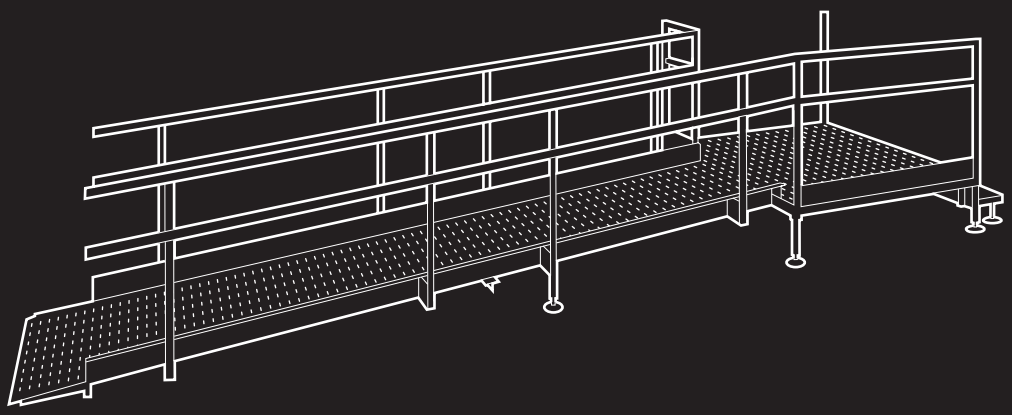


THE RAMP PEOPLE

MODULAR RAMP INSTALLATION GUIDE

THERAMPPEOPLE
Superior Quality Ramps

EU-RAMP (2kN/m²) General

This installation manual is for a EU-ramp of maximum load of 2,0 kN/m² (extension static load) and 1,5 kN (concentrated load). Maximum lateral load against the railing is 0,4 kN/m. If a ramp of width 1,3 m should be installed look at Appendix 1 B. Under certain conditions a ramp with width 1,3 m can be used for a maximum load of 4,0 kN/m² (extension static load), 3,0 kN (concentrated load) and 0,8 kN/m lateral load against the railing.

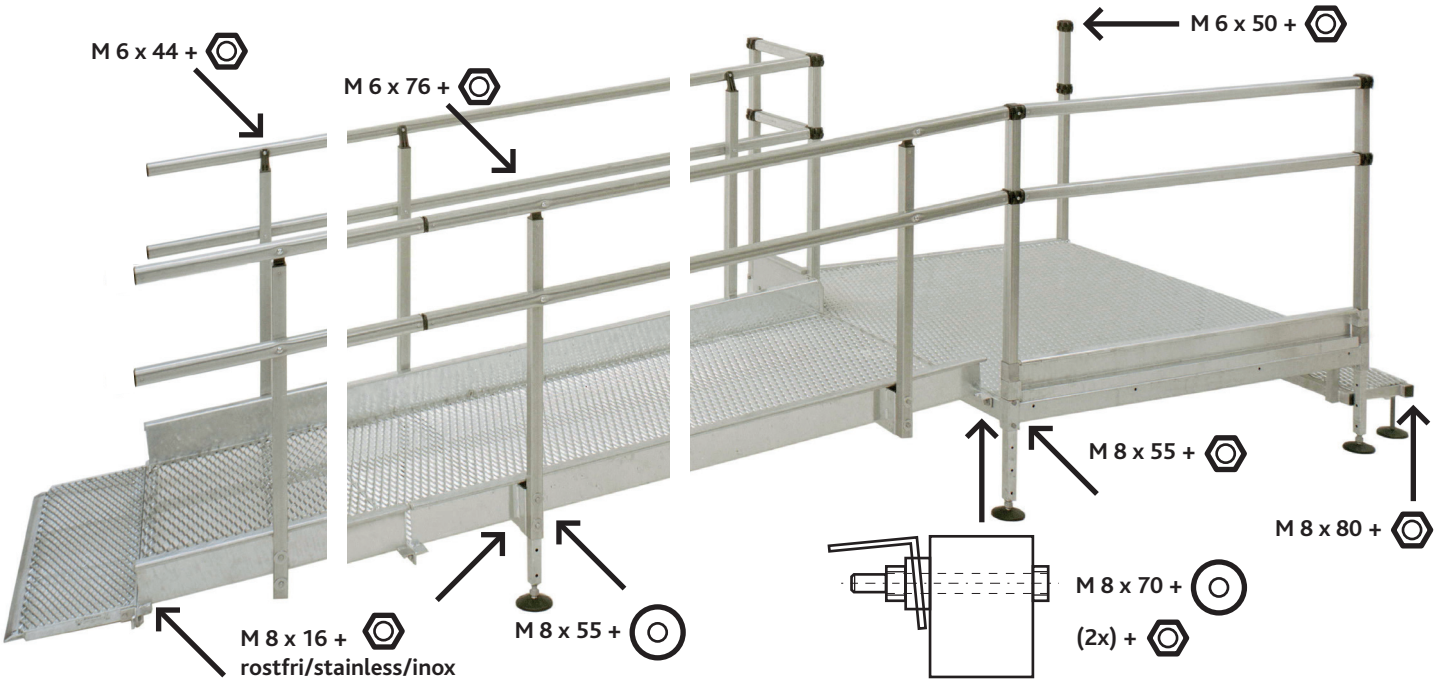
See special instruction for 4kN/m² in Appendix 1 B
In the following text the word ramp is used for such modules that are with inclination and platform for modules that are aimed for a horizontal installation.

General

Start at the highest point. Connect the highest module to the building. Check that the ground has enough carrying-power.
If needed supply with concrete tiles or similar under the supporting legs.

In the end of installation always check that all screws are tighted, that lockingpins connect the handrails and that the installation is stable.

Screw-connections at the EU-ramp



Alternative for handrails

The handrails can be placed in three different ways at the ramps. The pictures show type 2 railings.

1. For maximum space both handrails are placed on the outside of the stanchions. **This is our recommended standard.** The handrails will be in line with the handrails of the platforms.

2. The lower handrail is placed on the inside of the stanchions. This mounting helps a person in a wheelchair.

3. Both handrails on the inside of the stanchions, which helps a walking person who needs support on both sides.


Alternative 1 (standard)


Alternative 2


Alternative 3

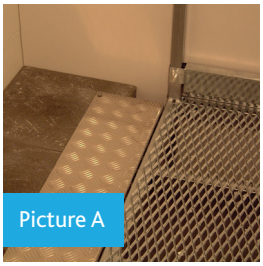
EU-RAMP Platform

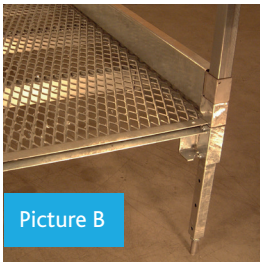
To connect to an existing staircase use one of the connections modules. Note that the platform always has to be connected/anchored to the existing building. Picture A. The big platforms, 1,5 x 1,5 m and 1,5 x 1,9 m, can be put over an existing staircase even if the door comes thery close to the stair surface. The distance has to be minimum 22 mm. If needed, the pipes under the platform can be removed. Picture B.

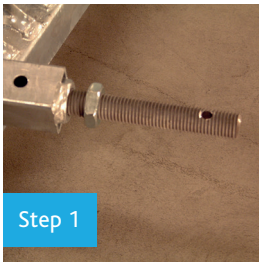
If platform type H (max height 1,4 m) should be installed see Page 1B (step 2 and 3)

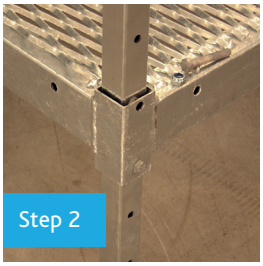
Installation Steps

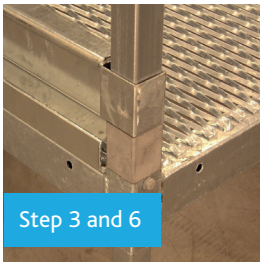
1. Before the supporting legs are mounted to the platform put the threaded pins (M16) in place.
2. Mount the supporting legs into the corner pipes of the platform. Put the screws only in the bottom holes of the corner pipes.
3. Slide the four stanchions for the railings over the supporting legs. Put the second screw into the corner pipes of the platform. Note that you always should have two screws connecting the supporting legs with the corner pipes.
4. Adjust the height of the platform by turning the threaded pins (M16).
5. Depending on how puch pressure the ground can take, it can be necessary to put concrete tiles or similar under the supporting legs. An extra wide foot plate is the accessory; 831922 Extra wide support to supporting leg.
6. Mounting of toe-plates should be done clock-wise. Start by mounting the short piece of square pipe.
7. Slide the first toe-plate (length 1,1/1,5/1,9 m) over the stanchions.
8. Continue with the rest of the toe-plates (length 1,1/1,5/1,9 m).
9. Mount the last short square pipe.
10. If needed mount short toe-plate, 0,4 m, and its stanchion.
11. Slide the plastic railing couplings over the stanchions and mount with screws. Mounting of handrails and balustrade modules (type 3 and 4) should be done clock-wise with repeating steps 11, 12 and 13 for each side.
12. Mount the handrails.
13. Connect the upper handrails and couplings with the locking-pins.

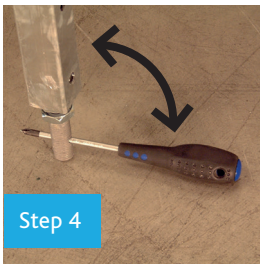

Picture A


Picture B

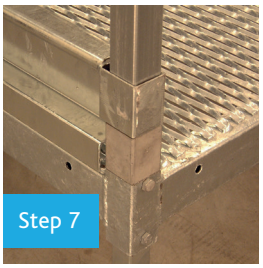

Step 1

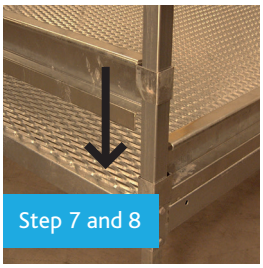

Step 2

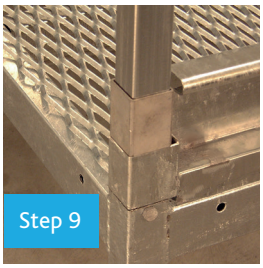

Step 3 and 6

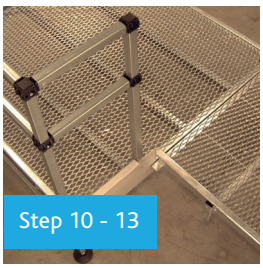

Step 4

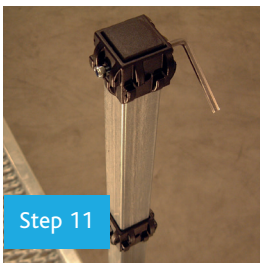

Step 5


Step 7


Step 7 and 8

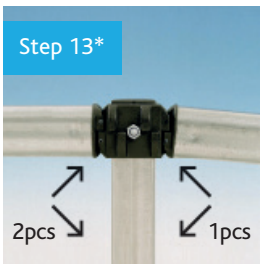

Step 9


Step 10 - 13


Step 11


Step 12


Step 13



Step 13. Note number and placement

Note! *Turn the ramp in the correct direction. There is one 'Up' and one 'Down' side. Brackets for railings should be vertical*

Installation Steps

1. Put the plastic end covers into the corners of the ramp.

As an alternative begin with step 6 before step 2.

2A. If connected to a platform see detail on page 1. Note how the special washers should be placed. If a short toe-plate (0,4 m) should be placed on the same side of the platform see picture on page 2.

2B. If connected to an existing staircase use one of the connection modules. The smaller one can be used in two ways, see pictures. Note that the platform always has to be connected/achored to the existing building. For alternative 1 you can use the special washers to adjust to the inclination of the ramp.

2C. If connected to another ramp module use the stainless steel screws.

3. If ramp modules are connected to each other there has to be supporting legs. Normally two legs are placed on the highest of two modules, before the actual connecting. The supporting legs should be slided inside the railings stanchions. For choosing the proper holes in the legs, see page Measurements 3 B. Note that you always should have two screws connecting the supporting legs to the brackets at the side of the ramp. For ramps with max height 1,4 m (type H) see Page 1B as well. There is special brackets that can be used if not a railing should be used.

4. Before the supporting legs are mounted to the ramp put the threaded pins (M16) in place.

5. Depending on how puch pressure the ground can take, it can be necessary to put concrete tiles or similar under the supporting legs.
An extra wide foot plate is the accessory; 831922 Extra wide support to supporting leg.

6. Mount the railings stanchions, including supporting legs, into the ramp module. Note the three alternatives on page 1.
Do not tighten the nuts until you have mounted the handrails.

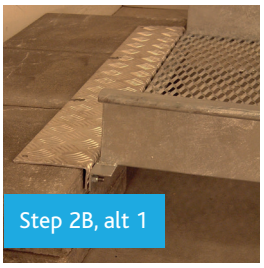
7. Adjust the height of the ramp by turning the threaded pins (M16).

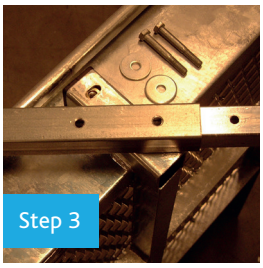
8. Mount the handrails. See page 1 for alternatives.

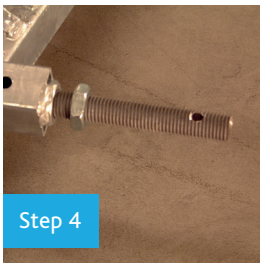
9. Connect the handrails with the locking-pins. Normally you only connect the upper handrails. See picture of how to connect to a platfrom.

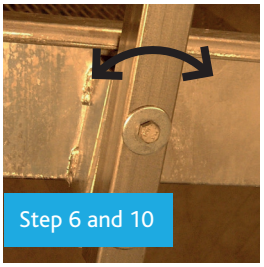
10. Tighten all screws and nuts.

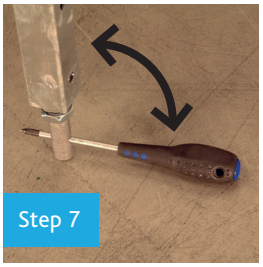
11. Mount the connection module to the ground.

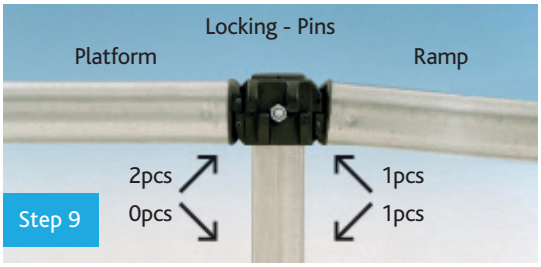












THERAMPPEOPLE
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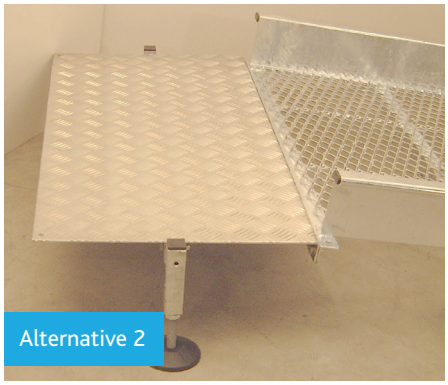
EU-RAMP Legs at ramp without railing and accessories, railing ends


Alternative 1


Alternative 2

Installation of legs (if no railing)

Alternative 1 (recommended main alternative)

Leg, telescopic, (831910) and Mounting-kit for leg (831917). Cut the leg if needed. If a ramp has a railing on the opposite side, this alternative should be used.

Alternative 2

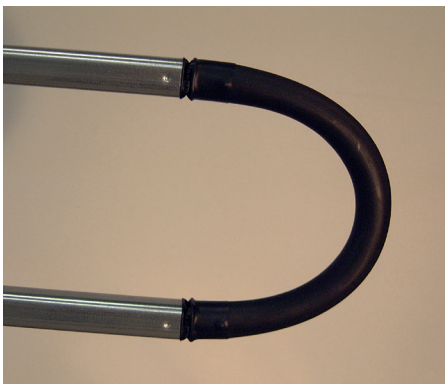
Leg, angled, (831975) and Tubular mounting-kit for two angled legs (831978/831979).

Using "Alternative 2" at stair connection

"Alternative 2" (Leg, angled, (831975) and Tubular mounting-kit for two angled legs (831978/831979)) can be used as a support to Connection module to stair (the picture shows artnr 838265), if not enough support is at the stair/door-side.

Note that there has to be legs at the ramps top end.


U-shaped railing end




Ball-shaped railing end

Installation of U-shaped railing end

Note that the U-shape is not symmetric. The longest end should be mounted at the top handrail.

1. Connect the U-shape to the handrails with the brass pins.
2. Put in the locking-pins, four pieces per U-shape.

Installation of Ball-shaped railing end

1. Make the hole longer by drilling in the plastic coupling. Use a 10 mm borer.
2. Put the Ball-end in place by turning.

EU-RAMP 1,3 m + H Appendix

This installation manual is for EU-ramp of width 1,3 meter.

Joining two modules (a ramp with another ramp or platform) should be done with 4 pcs of M8 screw (stainless steel). If the ramps extension static load are maximum 2,0 kN/m2 continue reading at pages 1, 2 and 3.

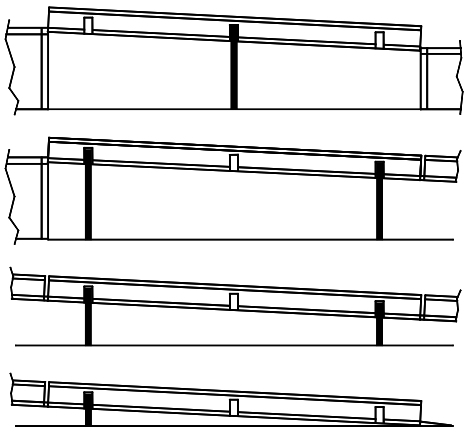
Instruction for installation of ramp with extension static load maximum 4kN/m2 and lateral load against railings of 0,8 kN/m.

With a maximum load of 4,0 kN/m2 (extension static load), 3,0 kN (concentrated load) and 0,8 kN/m (lateral load) shall the number and placement of the supporting legs and stanchions be like the pictures down show. That means for ramp modules 1,9 m and 2,3 m that four legs per module are needed in most cases. For other details see pages 1, 2 and 3.

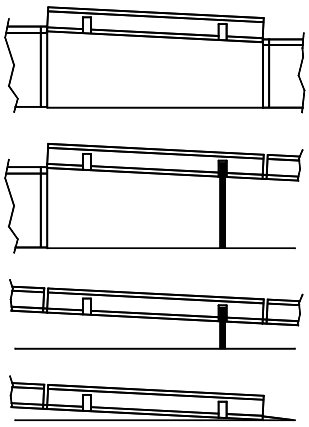
Extension static load 4kN/m2

Pictures show where to put the supporting legs depending on to what units the ramp is connected.

Please note that the picture show the places to mount, not the lengths of the supporting legs. If railing is used there is no need to cut the supporting legs.



Ramp 2,3m and 1,9m



Ramp 1,35m

Lateral load 0,8 kN/m

Stanchions shall be mounted on all connection points of the ramps, that is three stanchions per side of modules 1,9 m and 2,3 m and two stanchions per side of rampmodule 1,35 m.

This installation manual is for ramps and platforms for high mounting (type H)

Ramps and platforms that are to be mounted up to 1,4 meter have prolonged stanchions.

Please note that this changes the way of mounting instructed in step 3 (page 3A) and steps 2 and 3 (page 2A).

Prolonged stanchions with mounted legs for ramp and platform.

EU-RAMP Platform LM (Low Mounting)

Note

Maximum height for mounting of this platform is 200 mm.

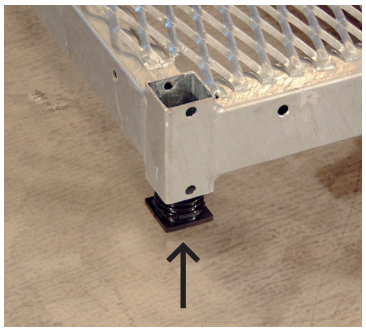
To connect to an existing staircase use one of the connections modules. **Note that the platform always has to be connected/anchored to the existing building.**

The big platforms, 1,5 x 1,5 m and 1,5 x 1,9 m, can be put over an existing staircase even if the door comes thery close to the stair surface. The distance has to be minimum 22 mm. If needed, the pipes under the platform can be removed.

Depending on how puch pressure the ground can take, it can be necessary to put concrete tiles or similar under the supporting legs. An extra wide foot plate is the accessory; 831922 Extra wide support to supporting leg.

Installation steps (legs)

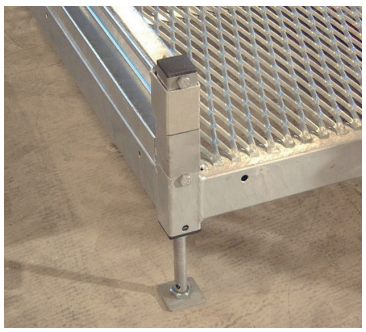
1. Press the plastic blocks with M16-nut into the pipes in the corners of the platform.
2. Put nuts on each threaded pin (M16).
3. Put the threaded pins into the plastic blocks.
4. Adjust the height of the platform by turning the threaded pins.
5. Tighten the nuts.
6. If necessary use the square washers and lock them with the nuts.



Installation steps (toe-plates)

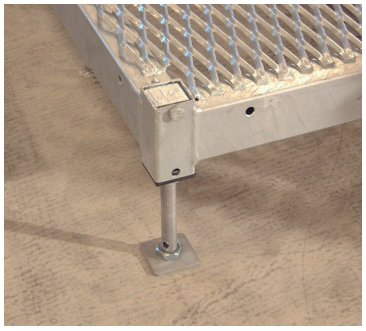
Toe-plates should be mounted to the 35x35-pipes. Mounting of toe-plates should be done **clock-wise**.

1. Connect the 35x35-pipes into the corners of the platform.
2. Slide the short piece of square pipe (40x40) over the 35x35-pipe.
3. Slide the first toe-plate (length 1,1/1,5/1,9 m) over the pipes.
4. Continue with the rest of the toeplates (length 1,1/1,5/1,9 m).
5. Mount the last short square pipe (40x40).
6. Lock the toe-plates by putting screws into the top holes of the 35x35-pipes.
7. If needed mount the short toe-plate (0,4 m).



Top corner

If no toe-plate is connected to one of the corners you can fill the hole with the small piece of 35x35-pipe, by hanging it on a M8-screw.



EU-RAMP Stairs, railing to stairs, gate

Stairs

Start at the top. Note that the treads should be mounted on the inside of the upper tube.

Supporting leg-kit (856220) should be mounted on the lowest tread if there will be no railings. If railing should be mounted the leg should be placed inside the stanchion. Start by removing the plastic cap.

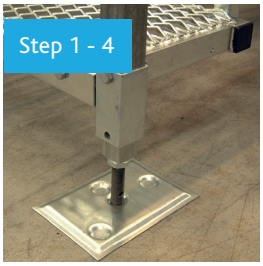
Closed riser (856212 / 856216) should be mounted if needed.

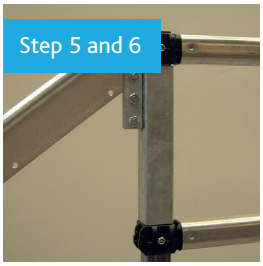
For stairs with five or more steps only type-4-railing should be used.

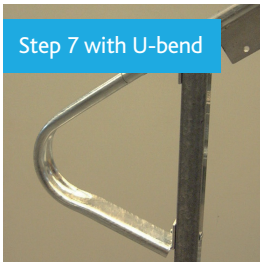
Railing, type 1, with and without U-bend

Railing to Stairs

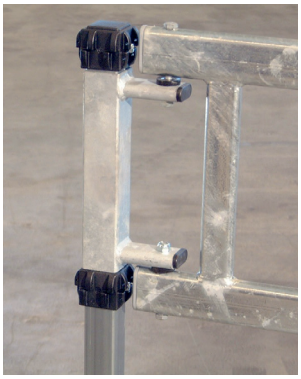
1. Remove the plastic cap from the outer tube of the lowest tread.
2. Mount the bracket (note orientation) together with the stanchion and leg.
3. Mount the top bracket between the plastic couplings.
4. If U-bend, mount it in the end of the handrail.
5. Mount the handrails.
6. Mount the plastic cups in the end of the handrails.
7. If railing type 4, mount the ribs.

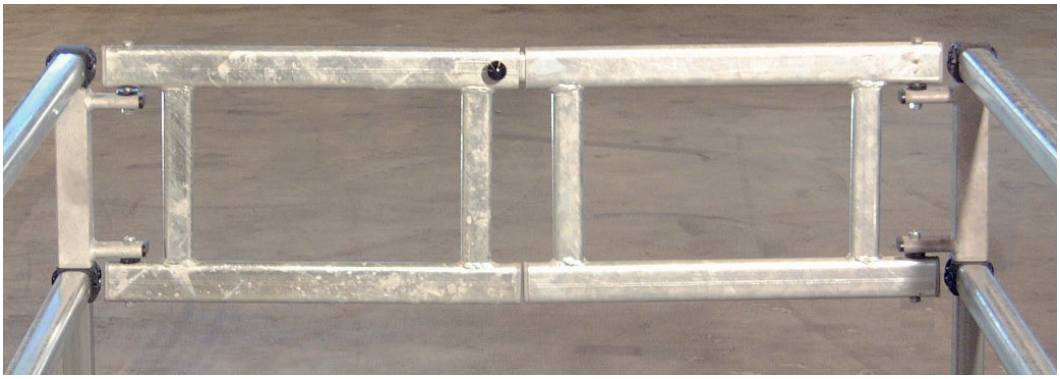






Gate





The hinges should be mounted between the plastic couplings at the stanchions on the platform.