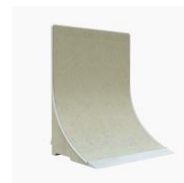




It shall apply from: **17-08-2018** r.

THE ASSEMBLY INSTRUCTION OF:  
**Wall Ramp**  
PRODUCT CODE: **172408**



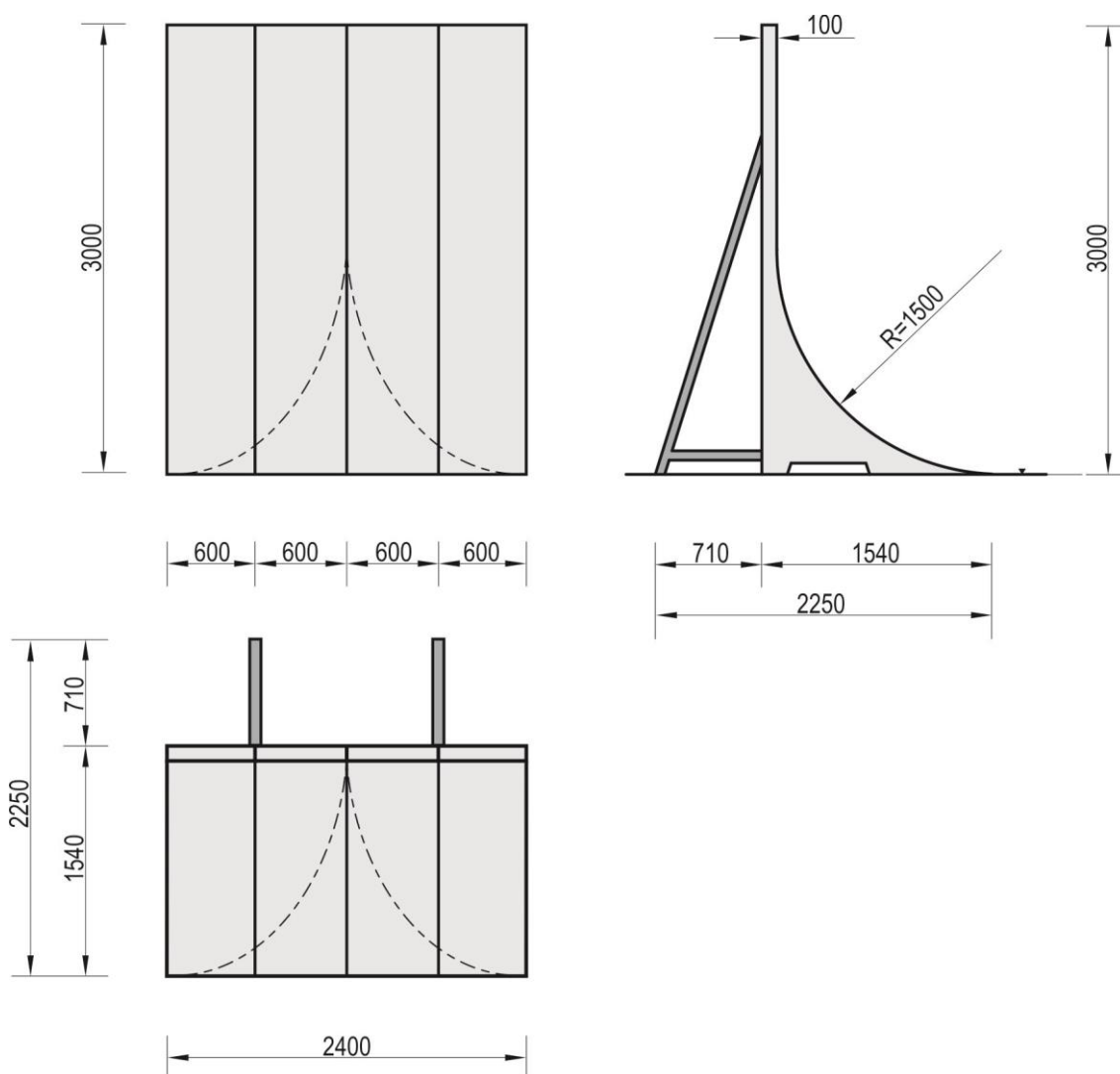


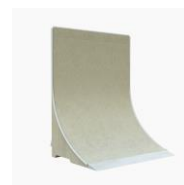
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## INTRODUCTION

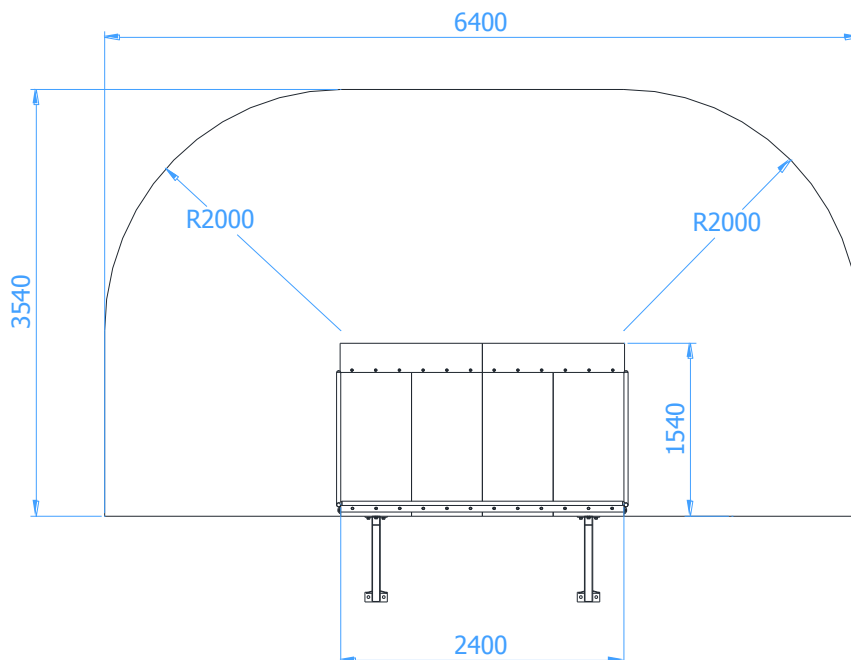
- Overall dimensions: 2,25 x 2,40 x 3,0 m





## STAGE 1 – Preparatory work - safety zone

- Secure the assembly site to keep others at a distance
- Set the construction in a designated place having regard to required impact area.
- Mark approximate contact points between poles and ground



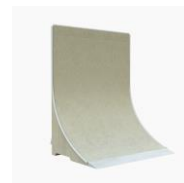
### WARNING!

Installation shall be performed in accordance with safety & health standards

## STAGE 2 – Assembly of the construction

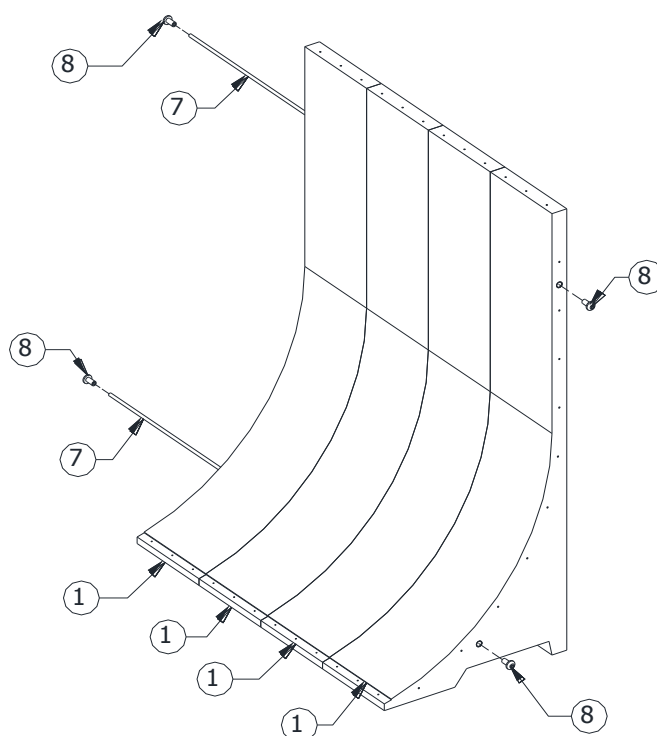
### 1. List of components

| No. | Name of component                       | Dimension | Qty. | NORM         |
|-----|-----------------------------------------|-----------|------|--------------|
| 1   | Wall-Ramp components                    |           | 4    |              |
| 2   | Wall-Ramp frame                         |           | 2    | 172408.001   |
| 3   | Stainless steel toe plate for Wall-Ramp |           | 2    | SN.250WR.000 |
| 4   | Top rail of Wall-Ramp                   |           | 1    | SP.WR.001    |
| 5   | Right side rail of Wall-Ramp            |           | 1    | SW.WR.002R   |
| 6   | Left side rail of Wall-Ramp             |           | 1    | SW.WR.002L   |
| 7   | Wall-Ramp pin                           | Ø20x2370  | 2    |              |
| 8   | Mushroom cap for pin                    |           | 4    |              |
| 9   | Countersunk screw                       | M8 x 16   | 12   | ISO 14581    |
| 10  | Hexagon head screw                      | M10 x 25  | 32   | DIN 933      |
| 11  | Jordahl JH T-Bolt                       | M16 x30   | 4    |              |
| 12  | Hexagon head screw                      | M16 x 25  | 2    | DIN 933      |
| 13  | Nut                                     | M16       | 4    | DIN 934      |
| 14  | Washer                                  | M10       | 32   | DIN 9021     |
| 15  | Washer                                  | M16       | 6    | DIN 9021     |
| 16  | Washer                                  | M14       | 4    | DIN 9021     |
| 17  | Expansion bolt                          | Ø10x80    | 4    |              |
| 18  | Expansion bolt                          | Ø14x100   | 4    |              |



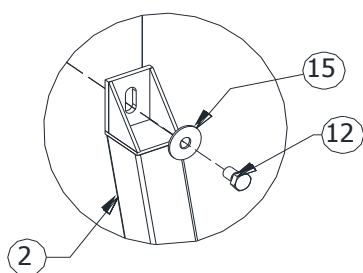
## 2. Assembly scheme

- Set the concrete components (point 1) side by side in a designated place
- Screw the components together by using point 7 and 8

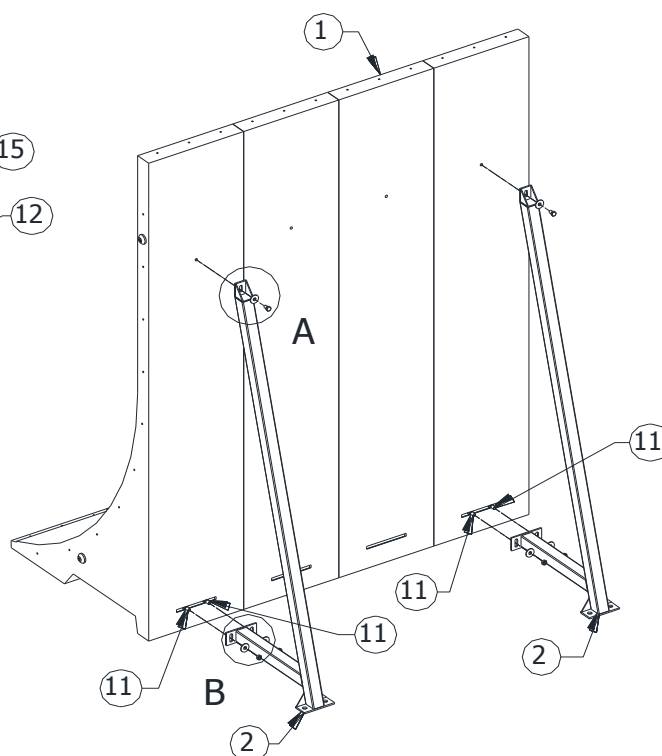
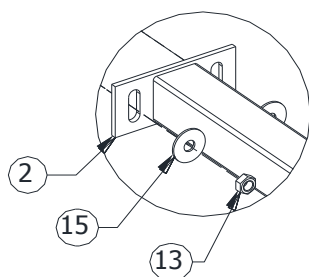


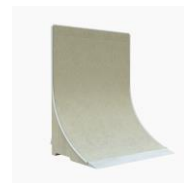
- Screw the frames (point 2) to the back of the Wall-Ramp.  
Warning! First you shall put the Jordahl JH bolt (point 11) in the mounting channels located in the lower part of the Wall-Ramp concrete components.

A ( 1 : 10 )

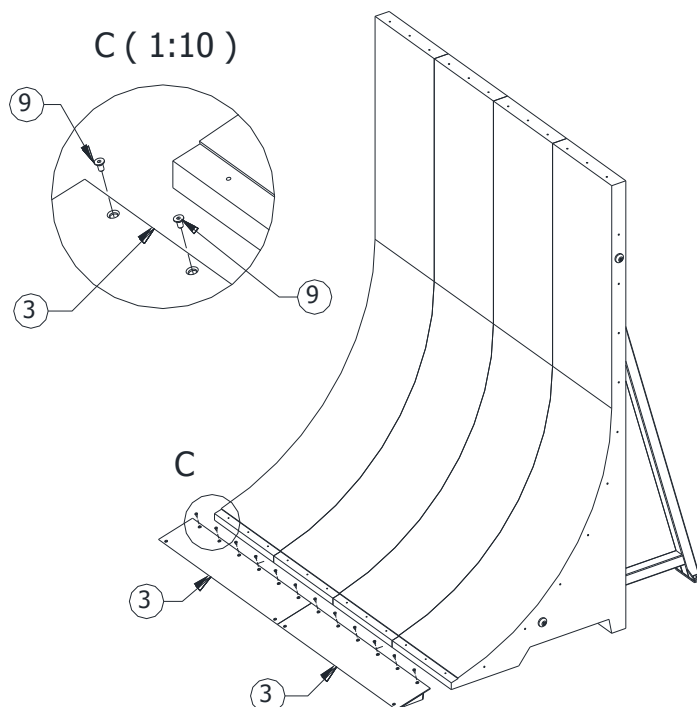


B ( 1 : 10 )

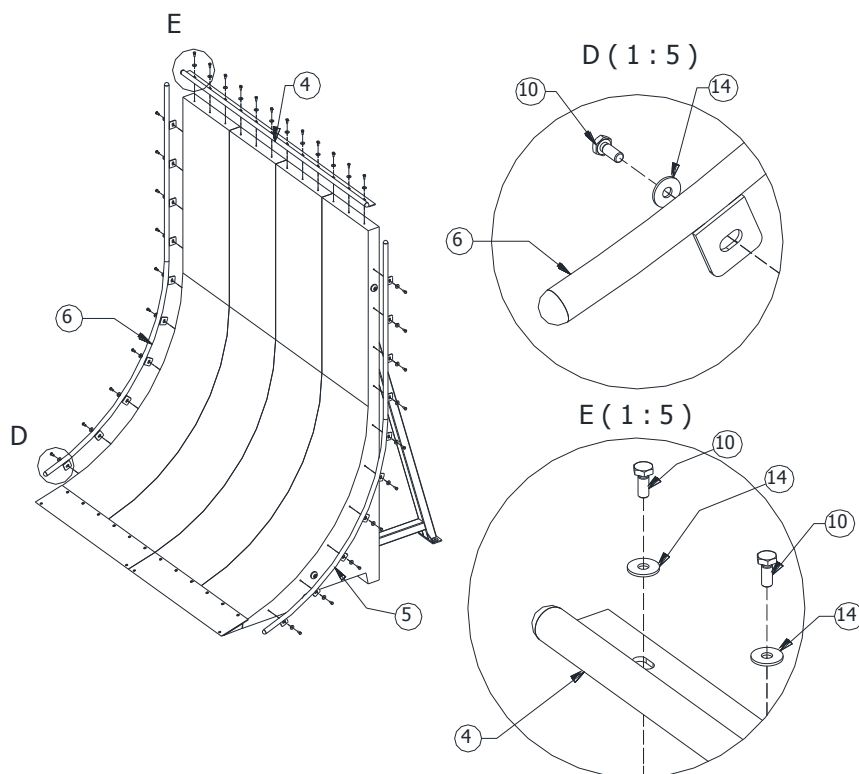




- Screw the toe plates (point 3) to the Ramp edge (point 1),



- Screw the side rail (point 5, 6) and the top rail (point 4) to the concrete with screws and washers of point 10 and 14,



- Screw the steel toe plate (point 3) to the ground by using expansion bolts
- Remove the slacks in joints
- Screw the foot of the frames (point 2) to the ground by using bolts of point 17 and 18.
- Put the statutory plate