



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

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



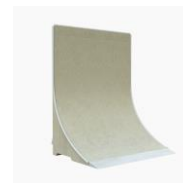
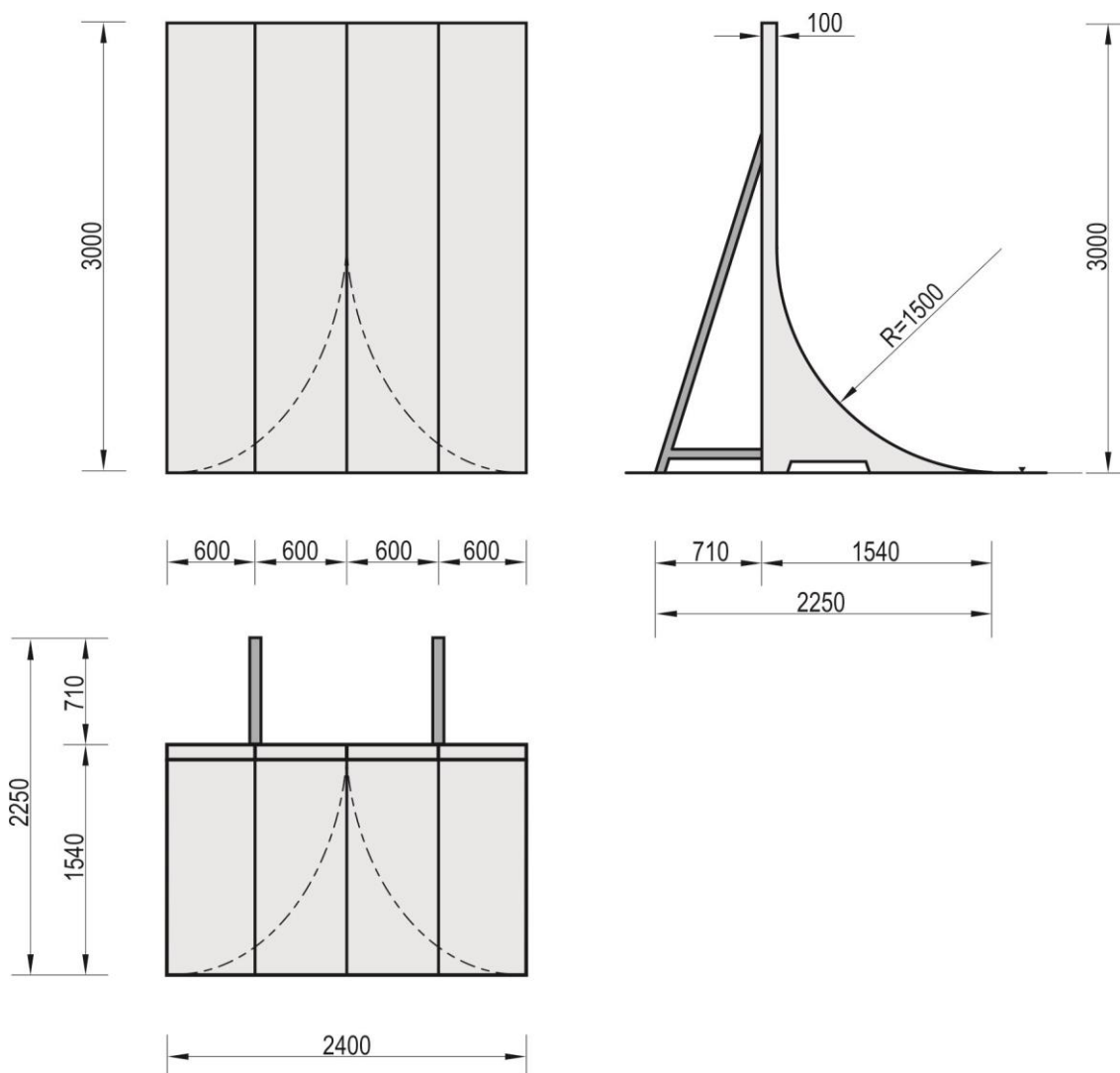


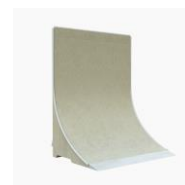
TABLE OF CONTENTS

INTRODUCTION	2
STAGE 1 – Preparatory work - safety zone.....	3
STAGE 2 – Assembly of the construction	3
1. List of components	3
2. Assembly scheme	4

INTRODUCTION

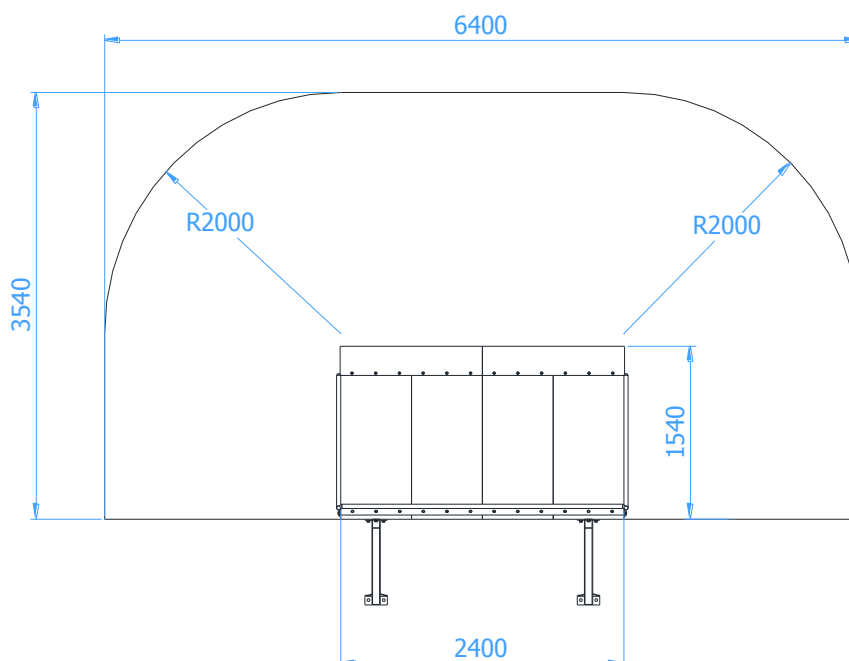
- Overall dimensions: 2,25 x 2,40 x 3,0 m





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



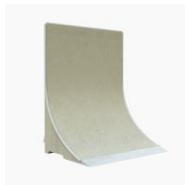
WARNING!

Installation shall be performed in accordance with safety & health standards

STAGE 2 – Assembly of the construction

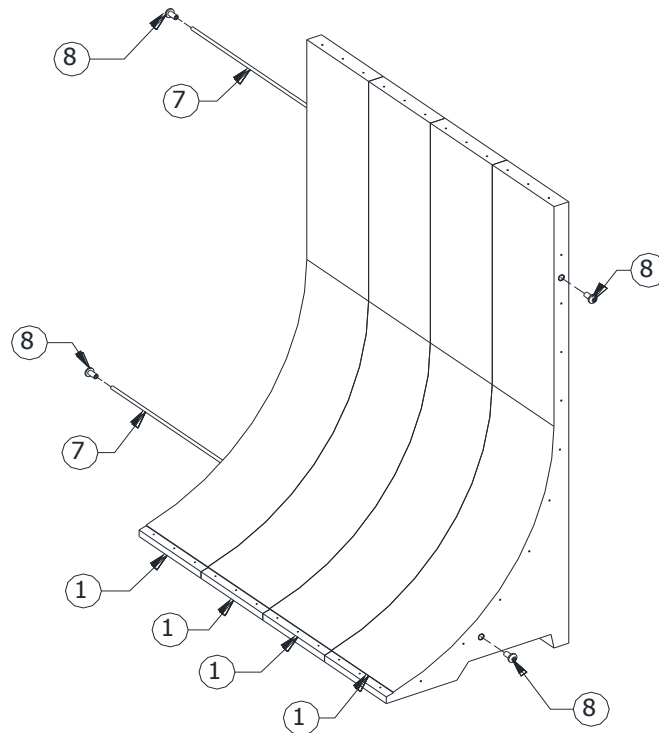
1. List of components

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	



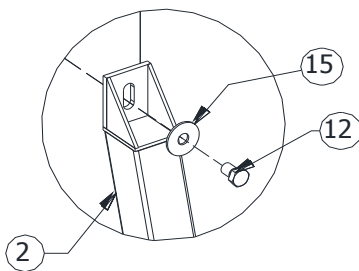
2. Assembly scheme

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

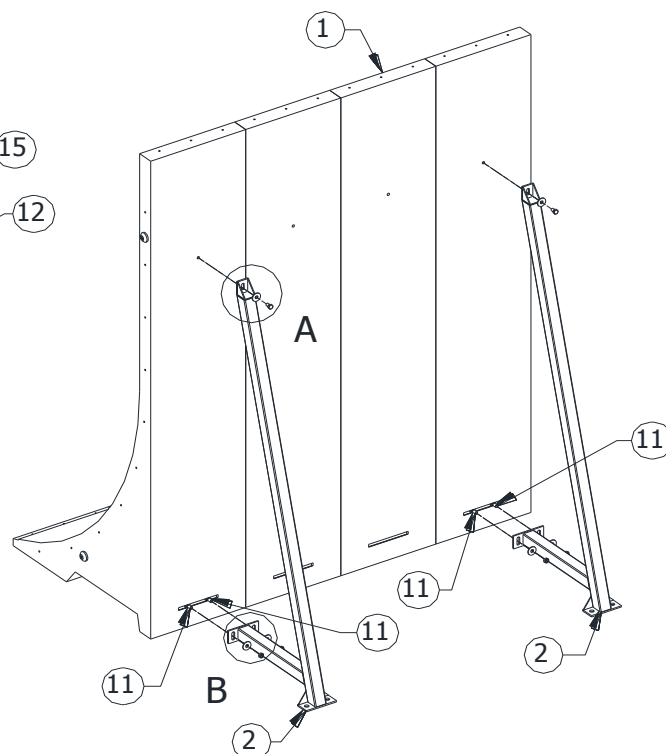
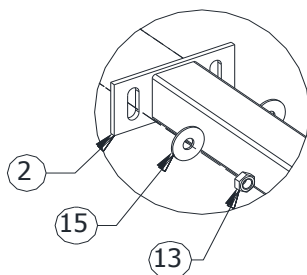


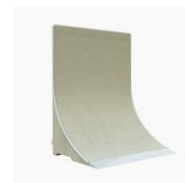
- Screw the frames (point 2) to the back of the Wall-Ramp.
Warning! First you shall put the Jordahl JH bolt (point 11) in the mounting channels located in the lower part of the Wall-Ramp concrete components.

A (1 : 10)

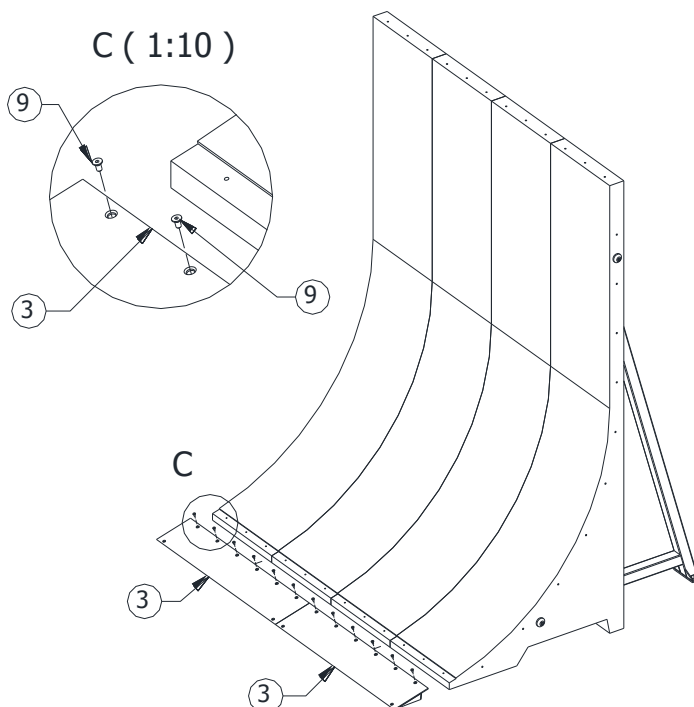


B (1 : 10)

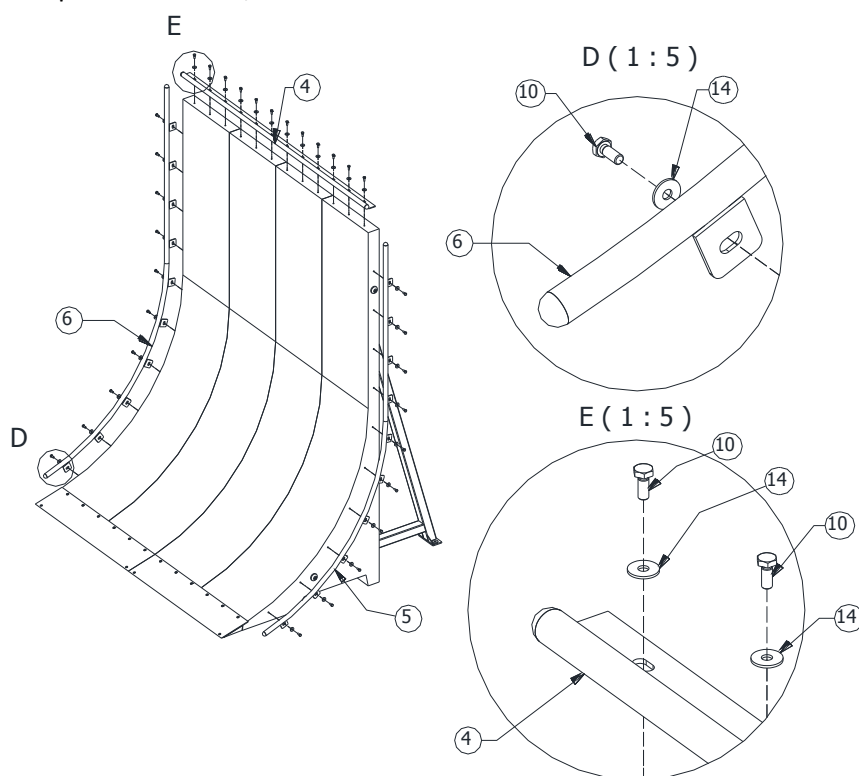




- Screw the toe plates (point 3) to the Ramp edge (point 1),



- 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 16 and 18.
- Put the statutory plate