

# MOUNTING RAMPBOW™

Balance arch

**rampline®**

The product is developed and assembled by Rampline AS in Norway

[rampline.com](https://rampline.com)

Fungi™ is certified by TÜV according to EN 1176-1:2017 and EN 166630:2015

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# ABOUT THE PRODUCT

Rampbow™ is designed for play, fitness training and physical activity f in public spaces for all age groups. The device is made of wholly welded stainless powder coated steel.

## MOUNTING

The product is delivered ready for attaching to a concrete foundation. Mounting time approx. 30 min, 1 person.

## SAFETY

The device requires a 150 cm safety zone with shock absorbing ground cover approved for a 106 cm fall height (for grass, please see page 10).

The product is certified by TÜV according to EN 1176-1:2017 and EN 16630:2015

## INCLUSIVE DESIGN

The product is designed to be accessible and fun for all users, including users with disabilities. Rampline recommends using a ground cover that does not obstruct anyone in accessing the device. Avoid edges or steps etc. that may pose hindrances for some users. Read more about inclusive design and our products at [rampline.com](https://rampline.com).

## OWNER'S AND INSTALLER'S RESPONSIBILITY

Only parts delivered with the product shall be used. Rampline is not responsible for errors or damages as a result of the use of components not delivered by Rampline AS.

The owner is obliged to comply with the imposed safety requirements for the device.

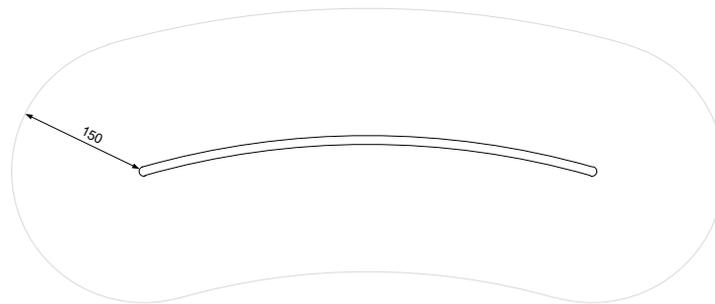
# SAFETY AREA

A safety area of 150 cm with ground cover with shock absorbing qualities for a 106 cm fall height..

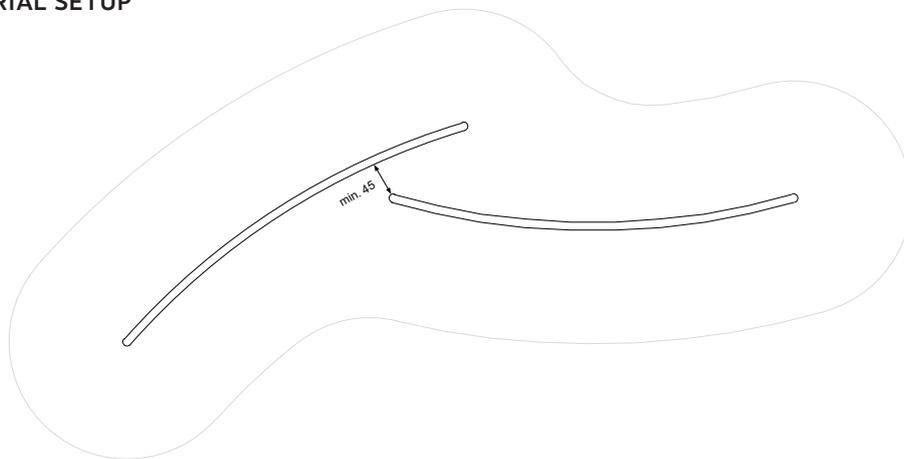
The safety area can be shared with other equipment.

All measurements in cm.

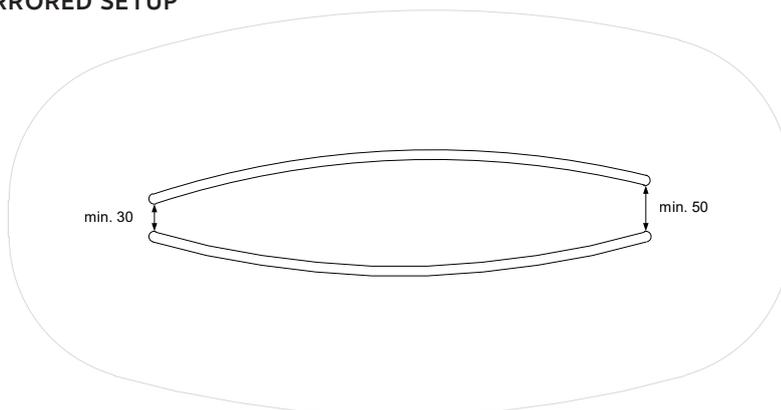
## SINGLE ARCH



## TWO ARCHES, SERIAL SETUP



## TWO ARCHES, MIRRORED SETUP



## CONTENT IN THE PACKAGE

- Rampbow™ balance arch
- 8 pcs 10x115 mm expansion bolts

## EQUIPMENT NEEDED

- Hammer drill and a 10 mm drill bit for concrete
- Small sledge
- Socket wrench 17 mm

## CONCRETE FOUNDATION

### IMPORTANT:

- Use concrete grade minimum B30
- Even the concrete with a trowel to get a smooth surface at the attachment point.
- Let the concrete harden for at least 7 days before the device is attached to the foundation.

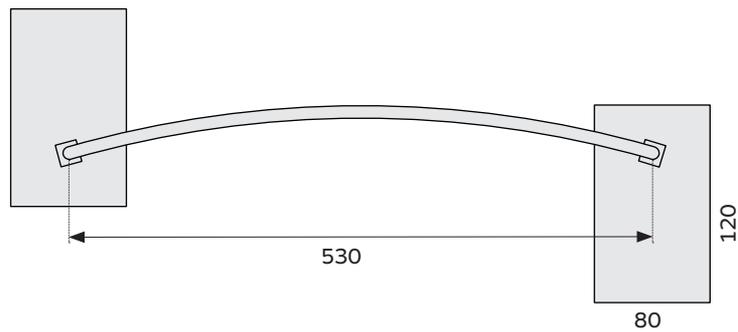
# FOUNDATION PLACEMENTS

## - WET POUR GROUND COVERS OR ARTIFICIAL GRASS

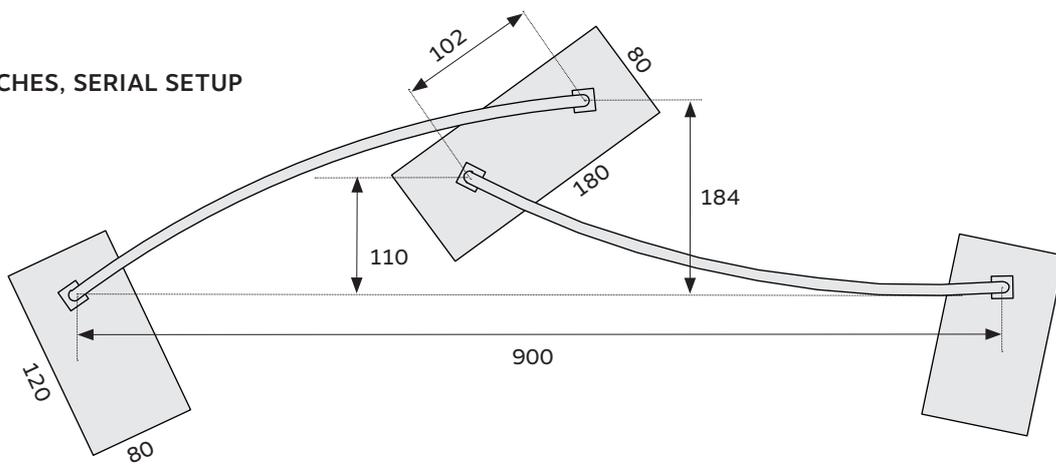
Thickness of the foundations: 15 cm.

All measurements in cm

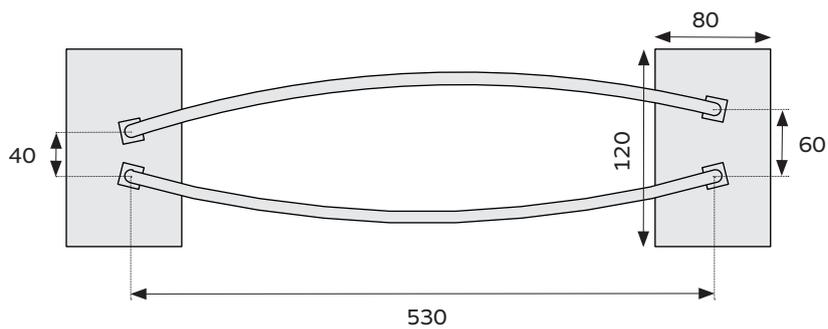
SINGLE ARCH



TWO ARCHES, SERIAL SETUP



TWO ARCHES, MIRRORED SETUP



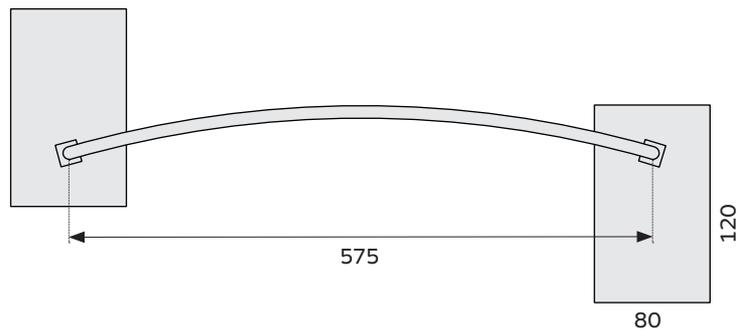
# FOUNDATION PLACEMENTS

## - GRASS OR LOOSE FILL GROUND COVERS

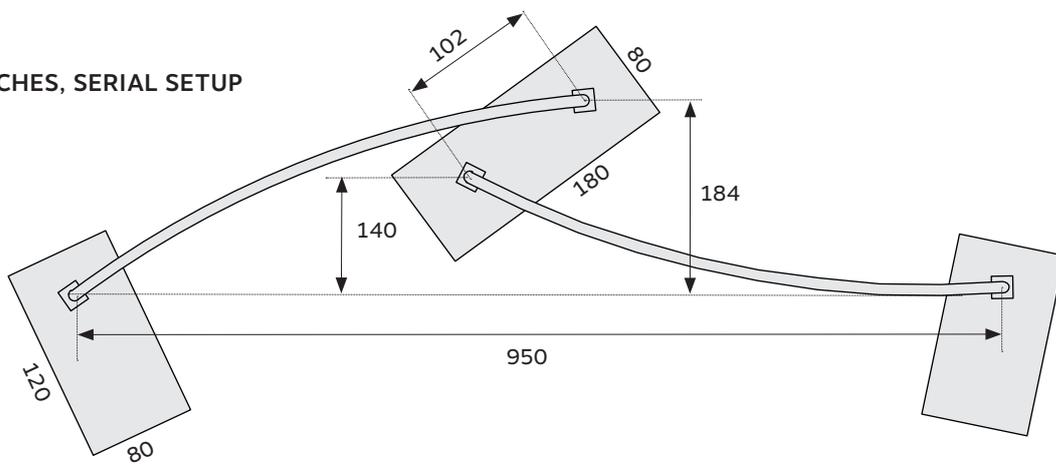
Thickness of the foundations: 15 cm.

All measurements in cm

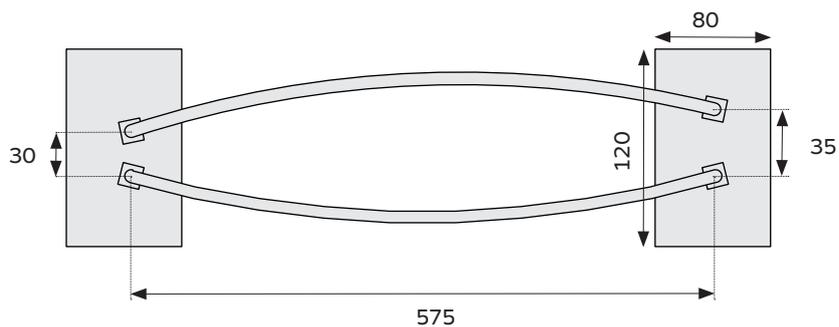
SINGLE ARCH



TWO ARCHES, SERIAL SETUP

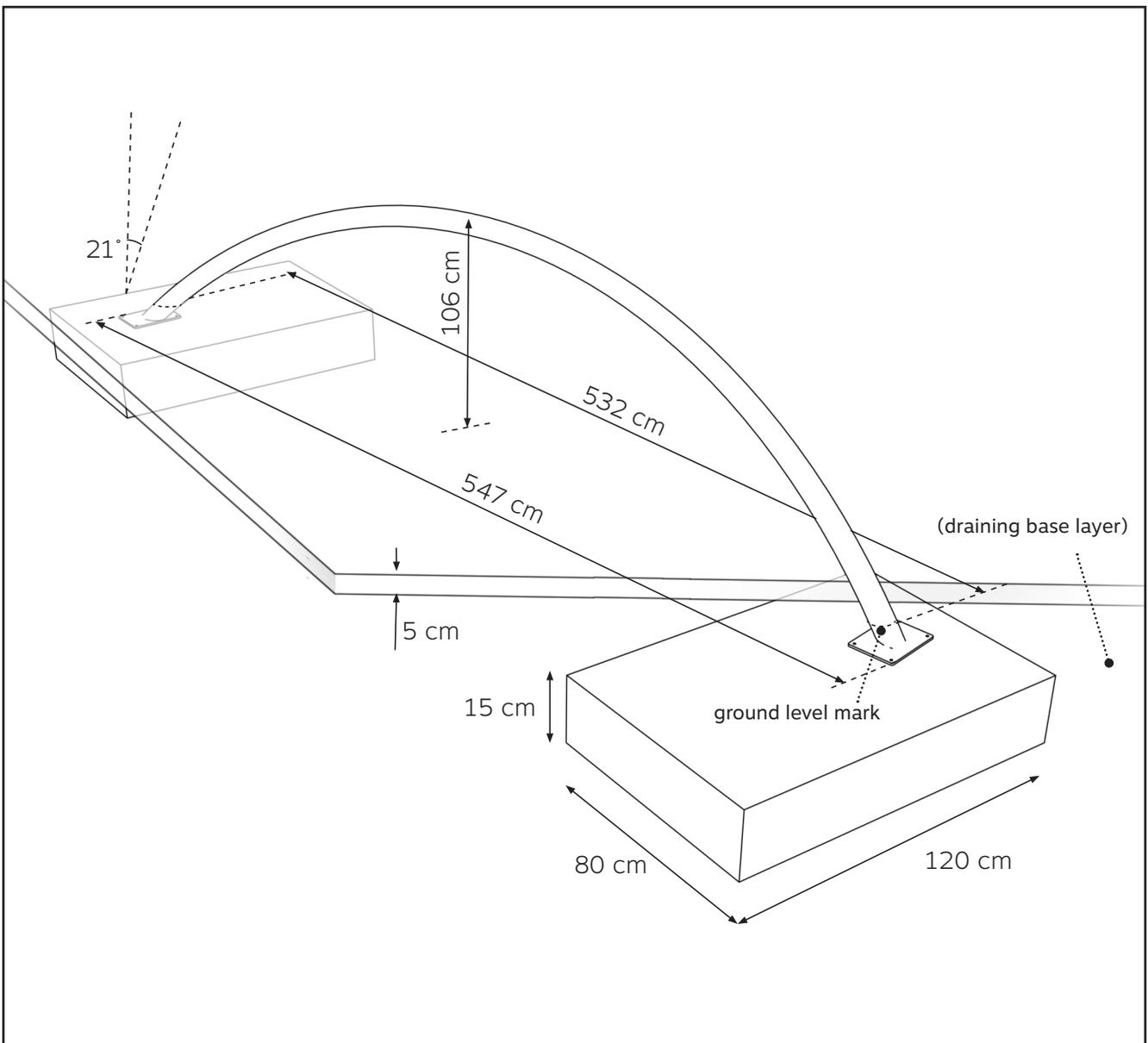


TWO ARCHES, MIRRORED SETUP



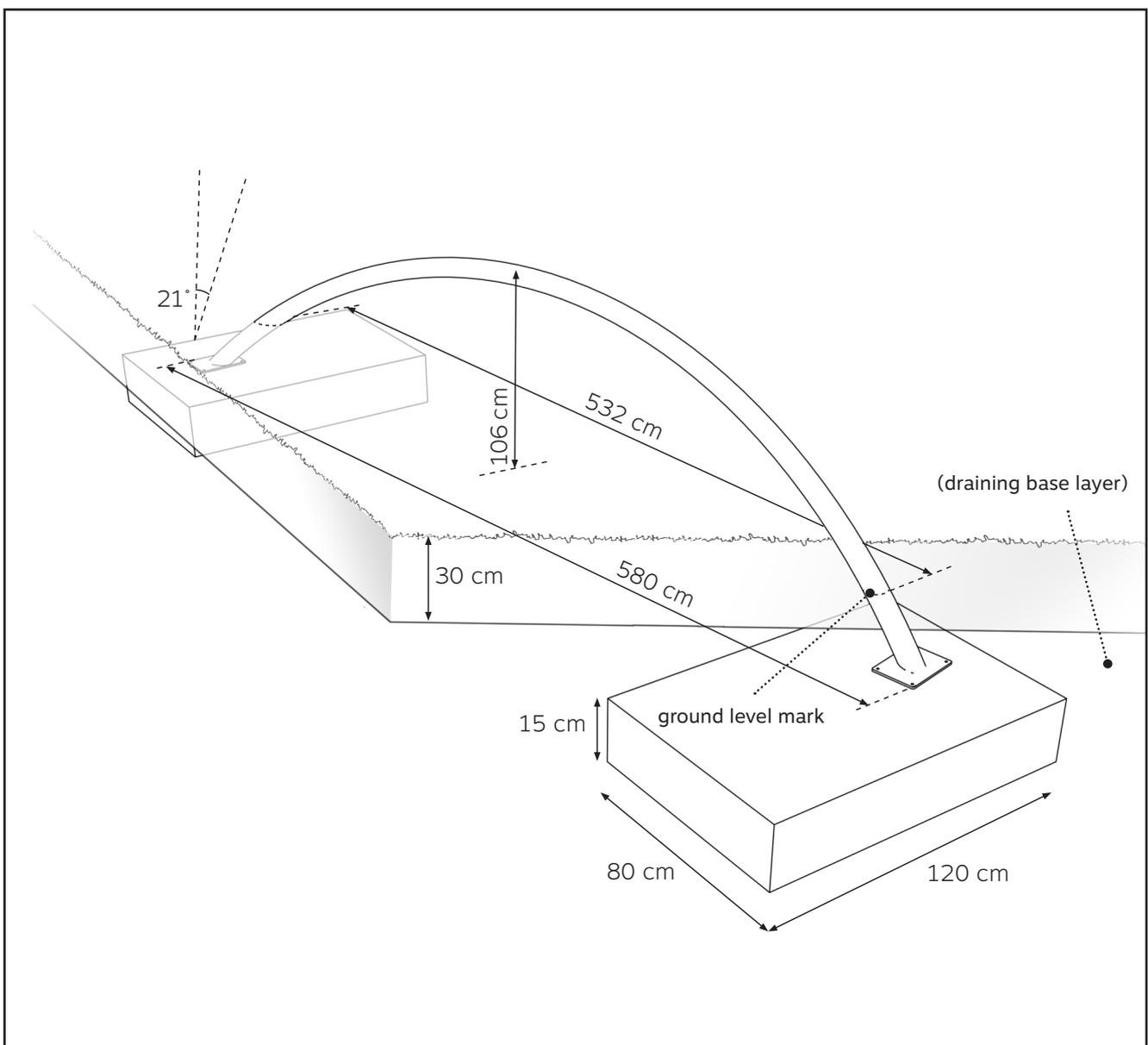
# WET POUR GROUND COVERS/ ARTIFICIAL GRASS

Principle drawing for Rampbow™ mounted on wet pour ground covers or artificial grass.



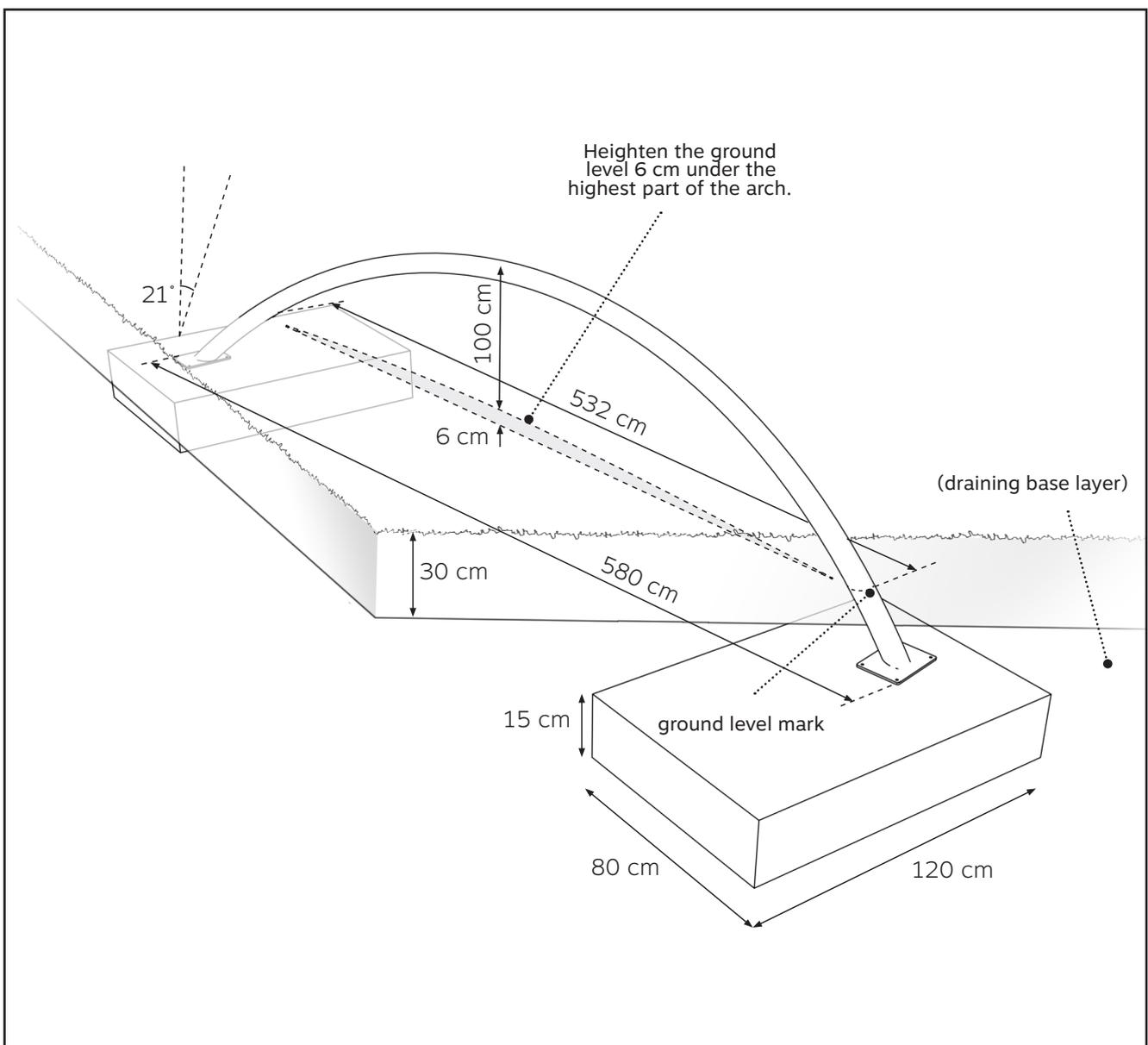
# LOOSE FILL GROUND COVERS

Principle drawing for Rampbow™ mounted on loose fill ground covers.

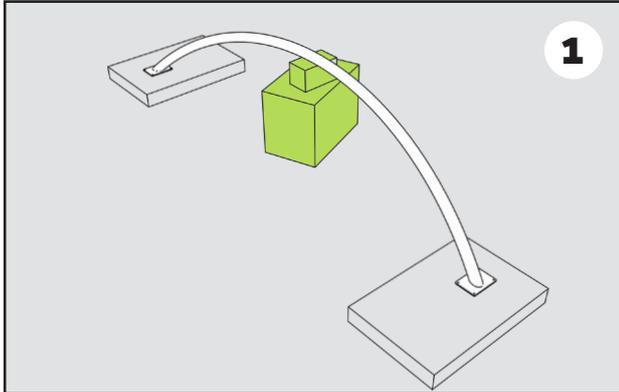


# GRASS

Principle drawing for Rampbow™ mounted on grass  
(maximum fall height on grass: 100 cm).

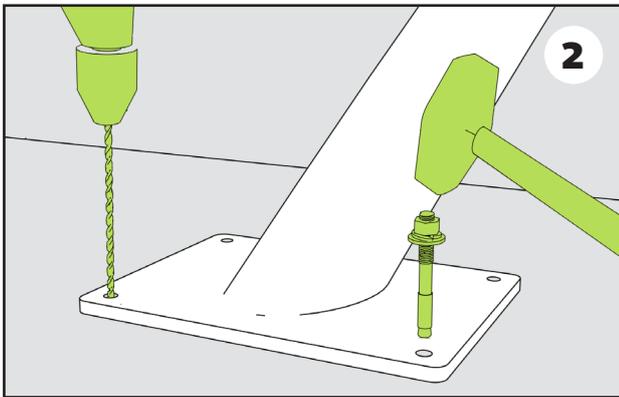


# MOUNTING



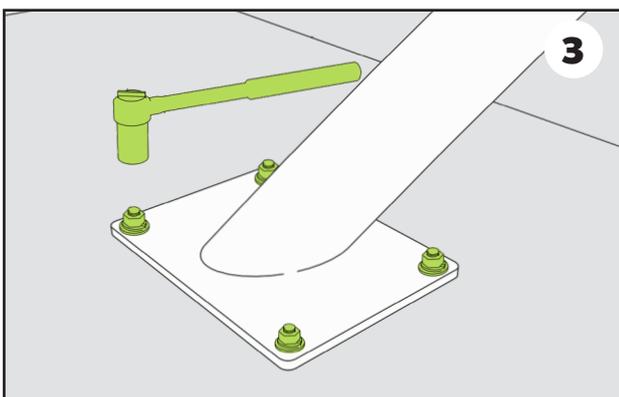
**Place the device on the foundation.**

Support the device in a steady position.



**Attach the bolts.**

Drill holes for the bolts. Hammer down the bolts with a small sledgehammer.



**Tighten with the socket wrench.**

Repeat for each bolt.