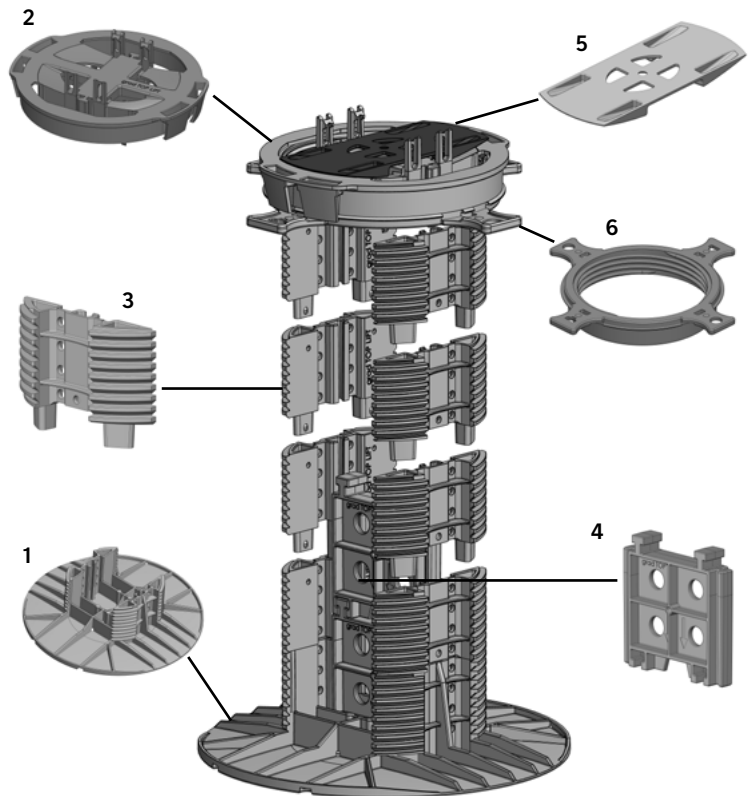
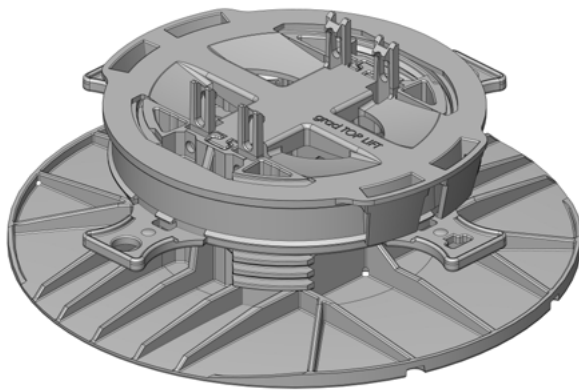


## REF 1661 - TOP LIFT® PEDESTAL

Utilisation : allows height adjustment of the deck

### PEDESTAL'S BASIC CONFIGURATION

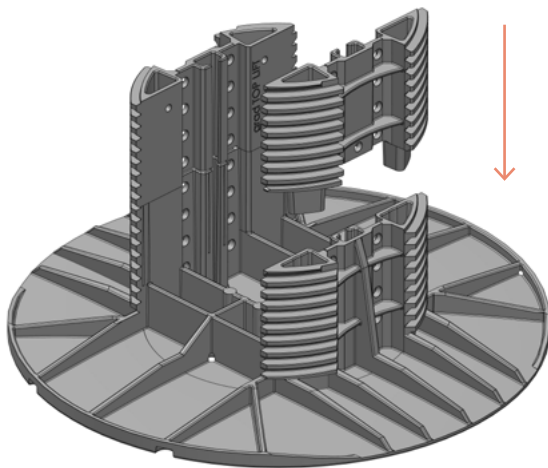
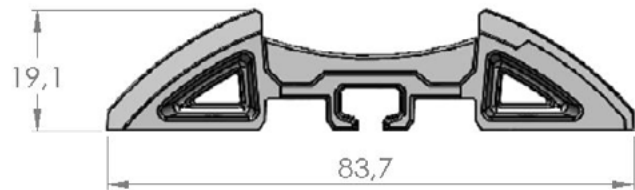
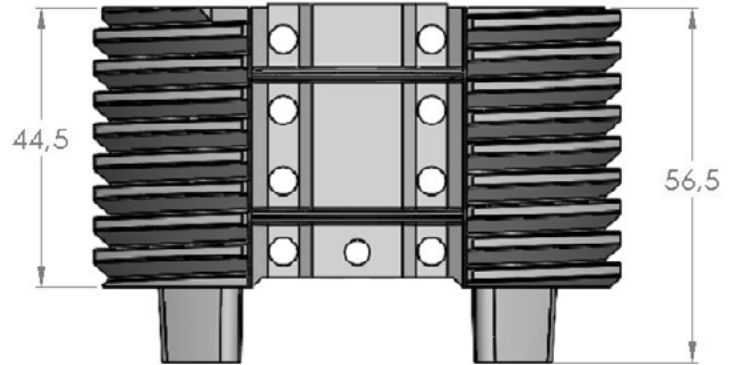


COMPONENTS	WEIGHT	MATERIAL
1 - Plate	146,3 g	
2 - Tray	71,2 g	
3 - Booster	23,8 g	Polypropylene + 20% talc
4 - Stabiliser	28,8 g	
5 - Slope corrector	12,4 g	
6 - Nut	62,6 g	Polypropylene + 30% fibreglass

TECHNICAL CHARACTERISTICS	POLYPROPYLENE + 20% TALC	POLYPROPYLENE + 30% FIBREGLASS
Density (kg/m <sup>3</sup> )	1050	1100
Colour	Black	Black
Yeild strength (MPa)	24	60
Melting temperature (°C)	140-150	140-160
Modulus of elasticity (MPa)	2200	5300

## BOOSTERS

Allow for height adjustments  $H > 55$  mm



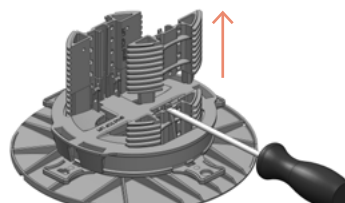
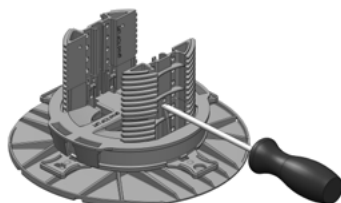
The boosters can be fitted together to increase the height of the pedestal.

Simply insert the pegs of the booster into the slots provided in the pre-installed boosters.

The table on page 8 shows the number of pairs of boosters required to reach the desired height.

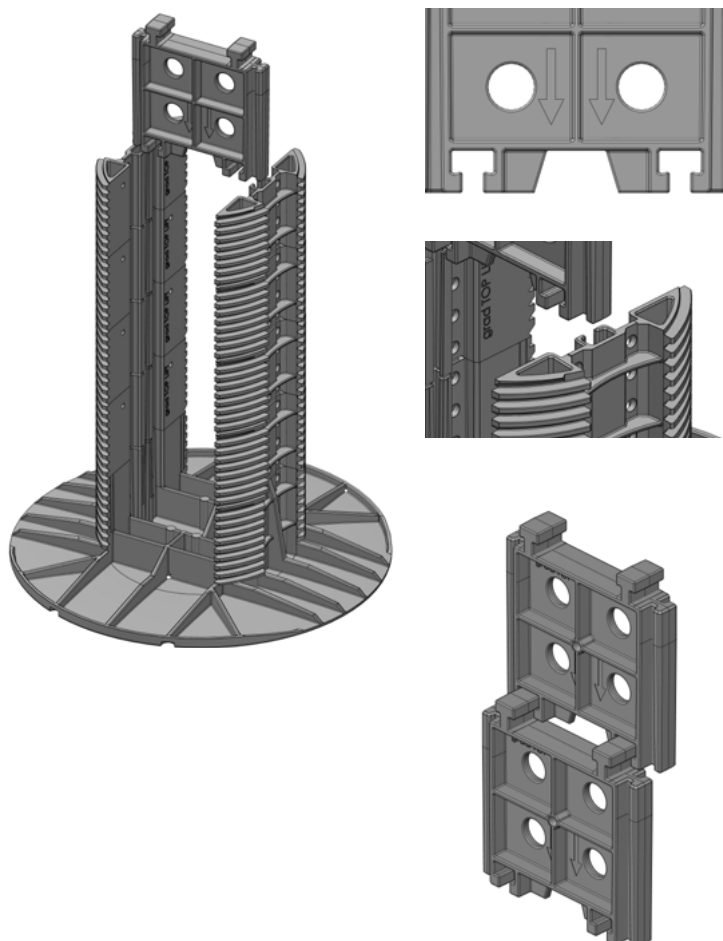
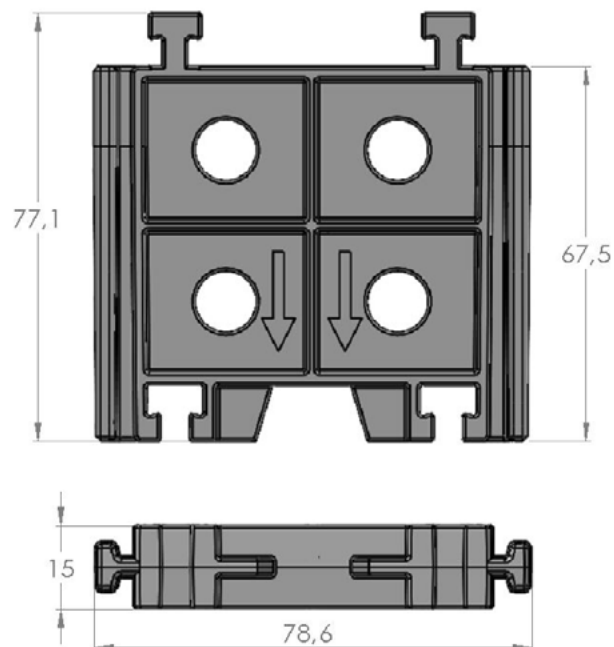
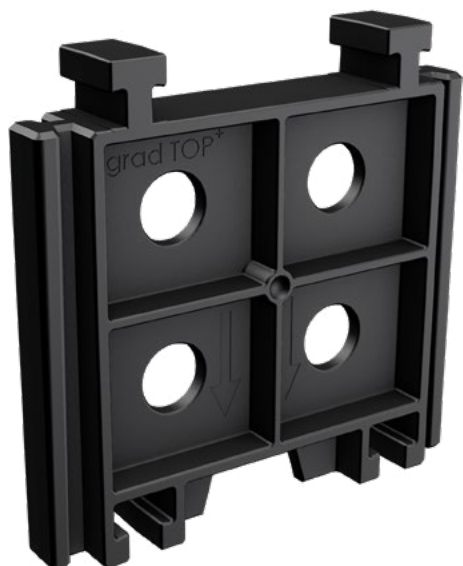
### REMOVING THE BOOSTERS:

The boosters can be removed using a flat-head screwdriver.



## STABILISERS

Required for deck heights over 200 mm



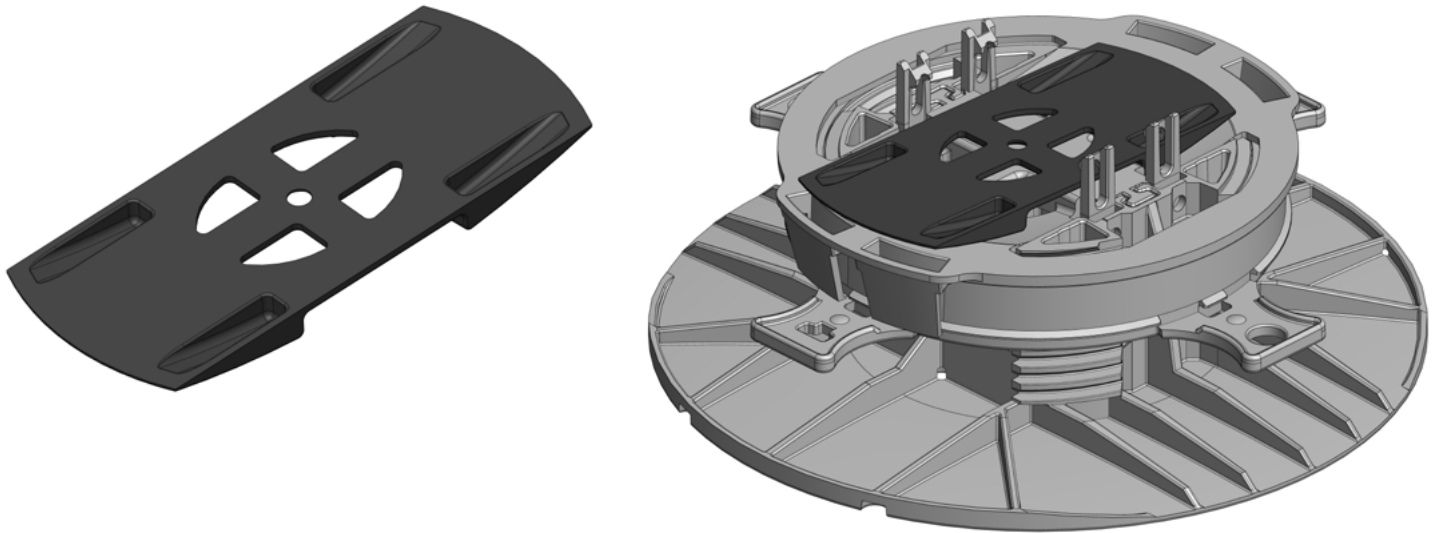
The purpose of the stabilisers is to strengthen the structure of the pedestal. They can be used when the height of the pedestal reaches 200 mm.

The stabiliser are installed as follows:

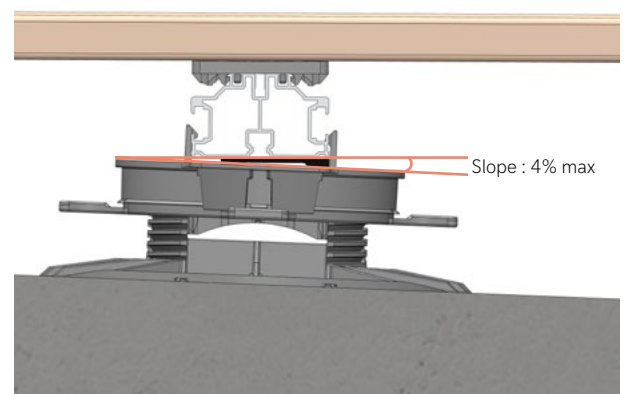
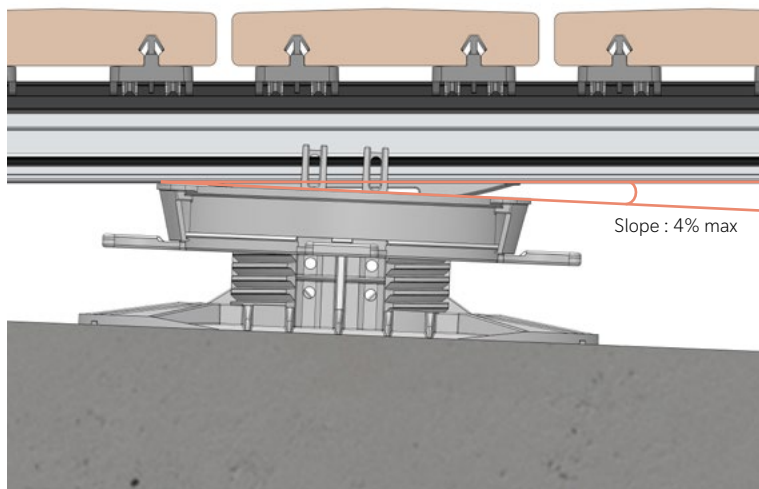
1. Look for the arrows on the stabiliser. These must point downwards.
2. Once the direction has been determined, simply insert the stabiliser into the sockets provided on the boosters.
3. Note that if you are using several stabiliser, they must fit into each other before being inserted.

### SLOPE CORRECTOR

Necessary for installing Top Lift pedestals where the slope of the ground is less than or equal to 4%



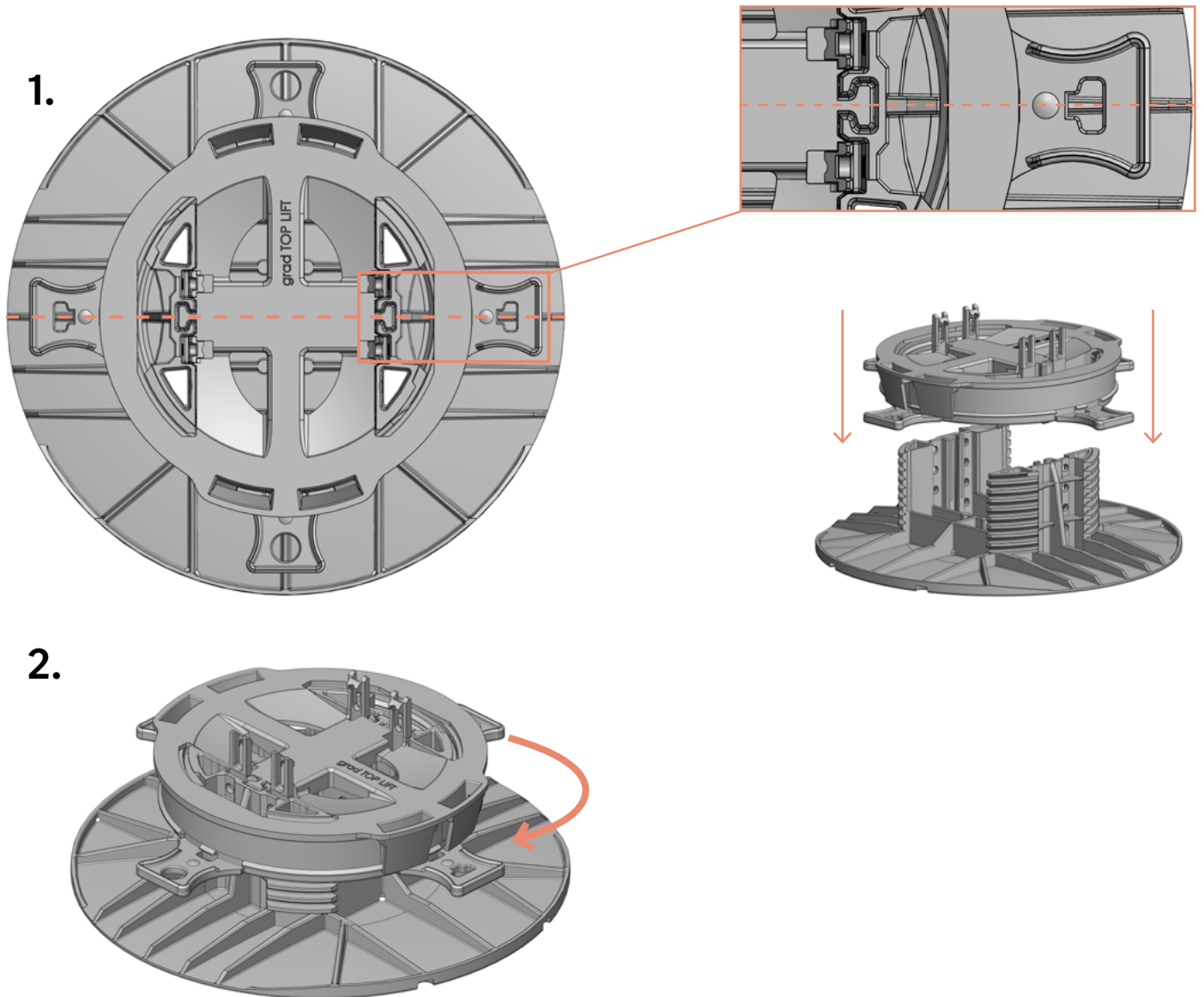
The slope corrector is fitted directly between the rail and the pedestal and enables the slope to be adjusted in all directions.



## TOP LIFT ASSEMBLY INSTRUCTIONS

### HEIGHT < 55 MM :

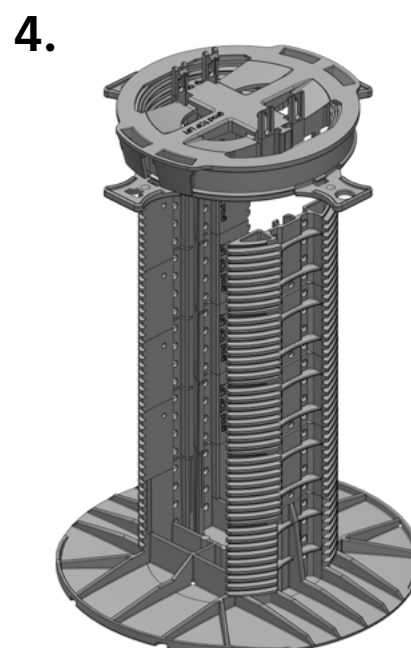
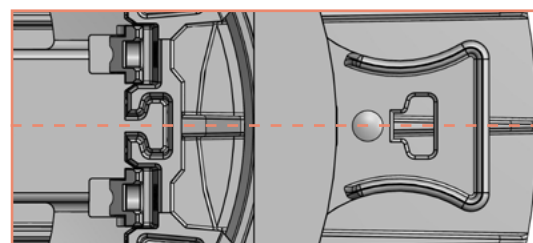
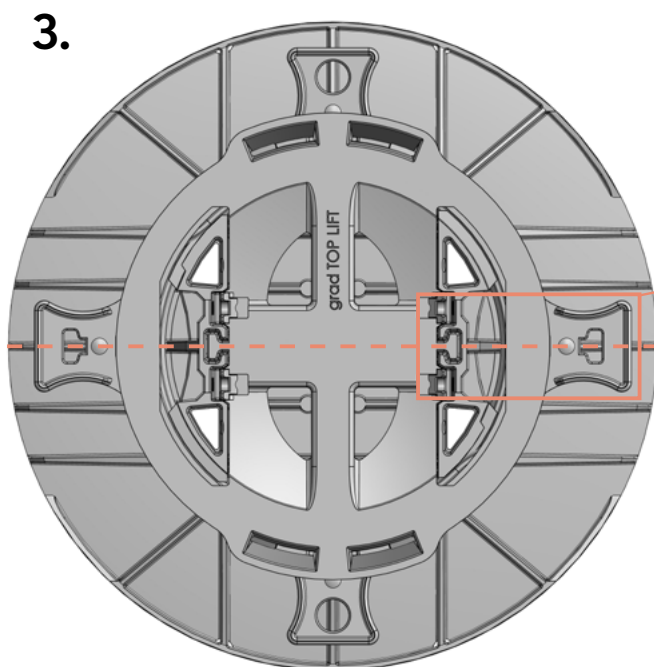
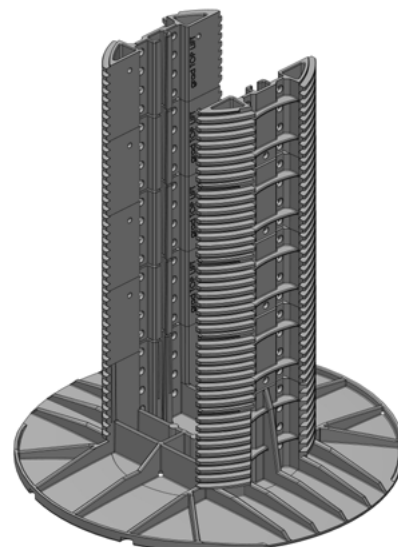
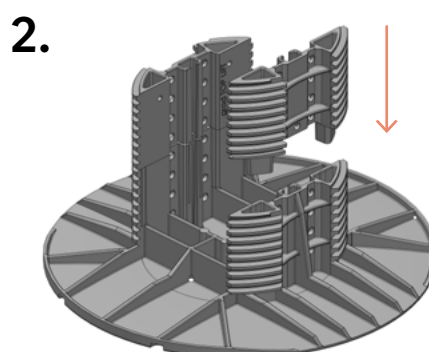
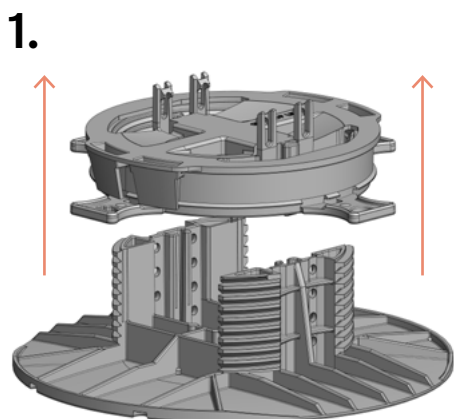
1. Align the 2 pieces (see image below), then replace the tray and nut
2. Turn the nut to adjust the height of the pedestal



## TOP LIFT ASSEMBLY INSTRUCTIONS

### HEIGHTS BETWEEN 56 AND 200 MM :

1. Turn the nut to remove the tray/nut assembly
2. Add the number of boosters required according to the desired height
3. Align the 2 pieces.
4. Replace the tray and nut to screw it back on

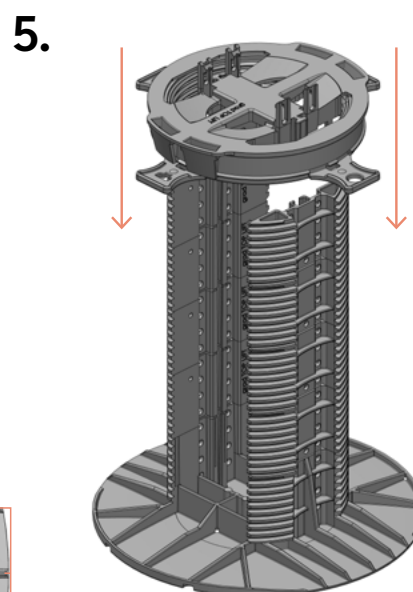
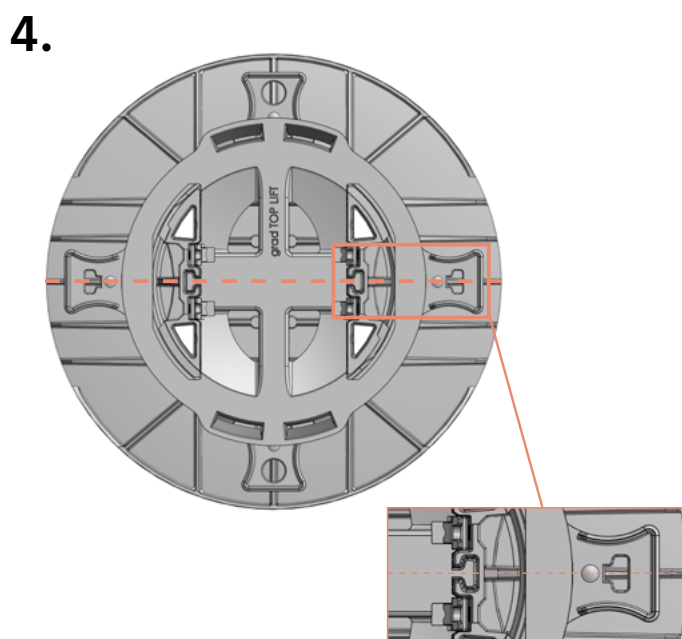
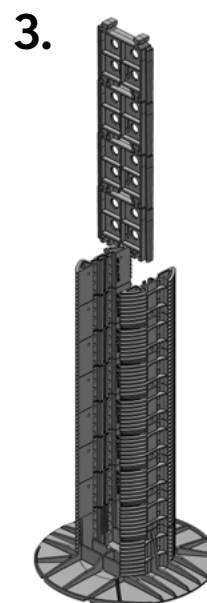
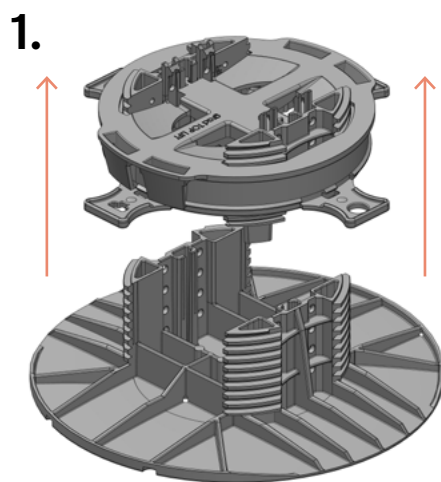




## TOP LIFT ASSEMBLY INSTRUCTIONS

### HEIGHTS > 200 MM :

1. Turn the nut to remove the tray/nut assembly
2. Place the correct number of boosters according to the desired height (see p8)
3. Assemble the required number of stabilisers (see p8) then slide them into the notches in the boosters.
4. Align the tray and nut.
5. Replace the tray and nut to start tightening the screws

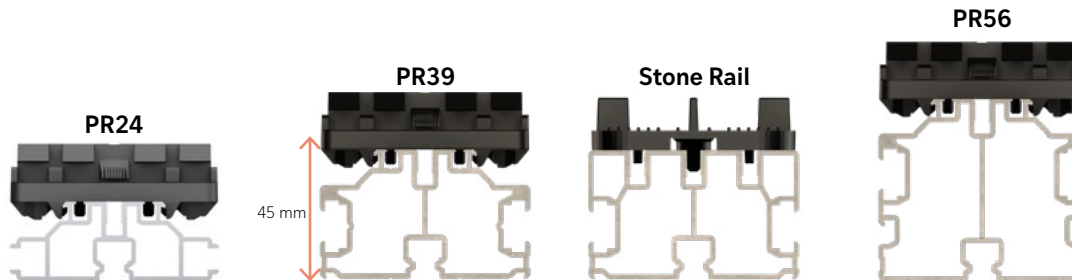


Top Lift Pedestal	Top Lift min	Top Lift max	Adjustment ranges for Pedestal + Boosters + Stabilisers																	
			56 mm	100 mm	101 mm	145 mm	146 mm	190 mm	191 mm	199 mm	200 mm	235 mm	236 mm	249 mm	250 mm	280 mm	281 mm	316 mm	317 mm	325 mm
Adjustment ranges	35 mm	55 mm																		
Up+ Boosters Quantity (per pair)	0		1		2		3		4				5		6		6			
Top+ Stabilisers Quantity (per unit)	0								2				2		3		3		4	

This table shows heights without deck boards and heights with 21 mm deck boards.

PR24	Pedestals and acc.+ Rail : 24 mm Clip base : 6 mm	65 mm	85 mm	Non-compatible																	
	+ 21-mm-board	86 mm	106 mm																		
PR39	Pedestals and acc. + Rail : 39 mm Clip base : 6 mm	80 mm	100 mm	101 mm	145 mm	146 mm	190 mm	191 mm	235 mm	236 mm	244 mm	245 mm	280 mm	281 mm	294 mm	295 mm	325 mm	326 mm	361 mm	362 mm	370 mm
	+ 21-mm-board	101 mm	121 mm	122 mm	166 mm	167 mm	211 mm	212 mm	256 mm	257 mm	265 mm	266 mm	301 mm	302 mm	315 mm	316 mm	346 mm	347 mm	382 mm	383 mm	391 mm
PR56	Pedestals and acc.+ Rail : 56 mm Clip base : 6 mm	97 mm	117 mm	118 mm	162 mm	163 mm	207 mm	208 mm	252 mm	253 mm	261 mm	262 mm	297 mm	298 mm	311 mm	312 mm	342 mm	343 mm	378 mm	379 mm	387 mm
	+ 21-mm-board	118 mm	138 mm	139 mm	183 mm	184 mm	228 mm	229 mm	273 mm	274 mm	282 mm	283 mm	318 mm	319 mm	332 mm	333 mm	363 mm	364 mm	399 mm	400 mm	408 mm

PR24 - height including clip base	30 mm
PR39 - height including clip base	45 mm
PR56 - height including clip base	62 mm
Stone Rail - height including clip base	45 mm
Board thickness*	21 mm



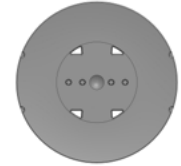
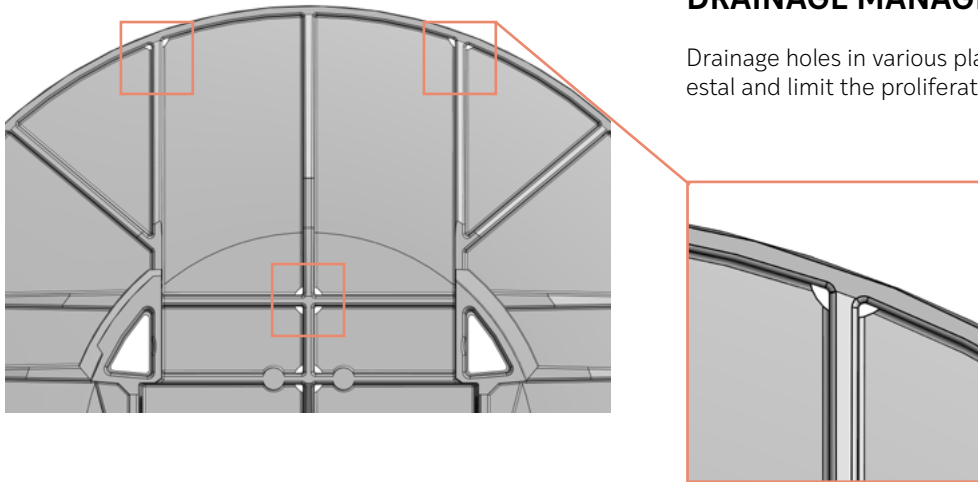
Mini Rails, Start Rails and Flat Rails are non-load bearing and not compatible with Grad pedestals and accessories.

\*Other boards thicknesses are compatible.



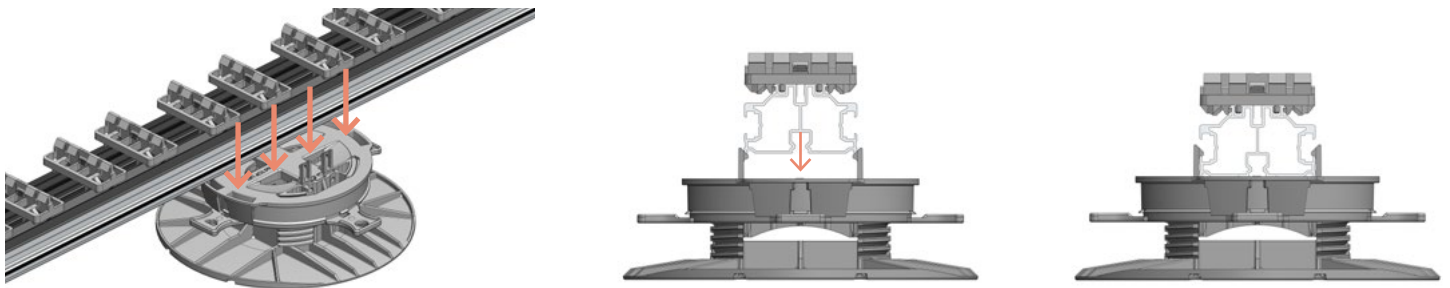
## DRAINAGE MANAGEMENT

Drainage holes in various places to prevent water retention in the pedestal and limit the proliferation of mosquitoes and other insects.



The diameter of the plate is 20 cm. This diameter meets the requirements of DTU 51.4 (French norms) for a minimum bearing surface of 300 cm<sup>2</sup>.

## INSTALLING GRAD RAILS ON THE TOP LIFT PEDESTAL



## CONNECTING TWO RAILS ON THE TOP LIFT PEDESTAL

To meet the requirements of French norms, the rails can be attached to the pedestal using self-tapping screws through the clips on the tray or the holes in the boosters.

