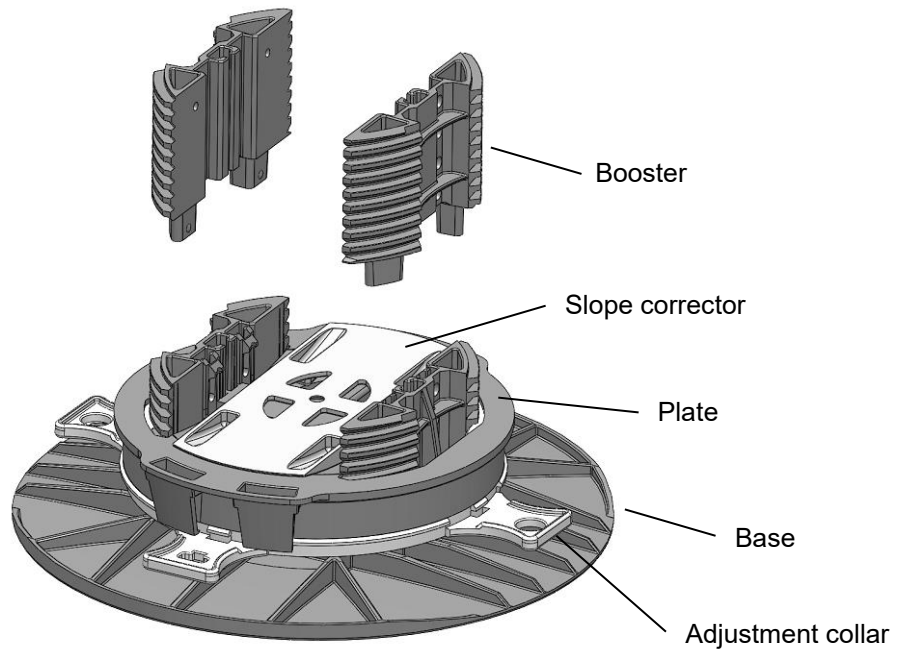


TECHNICAL DATA SHEET – FT081

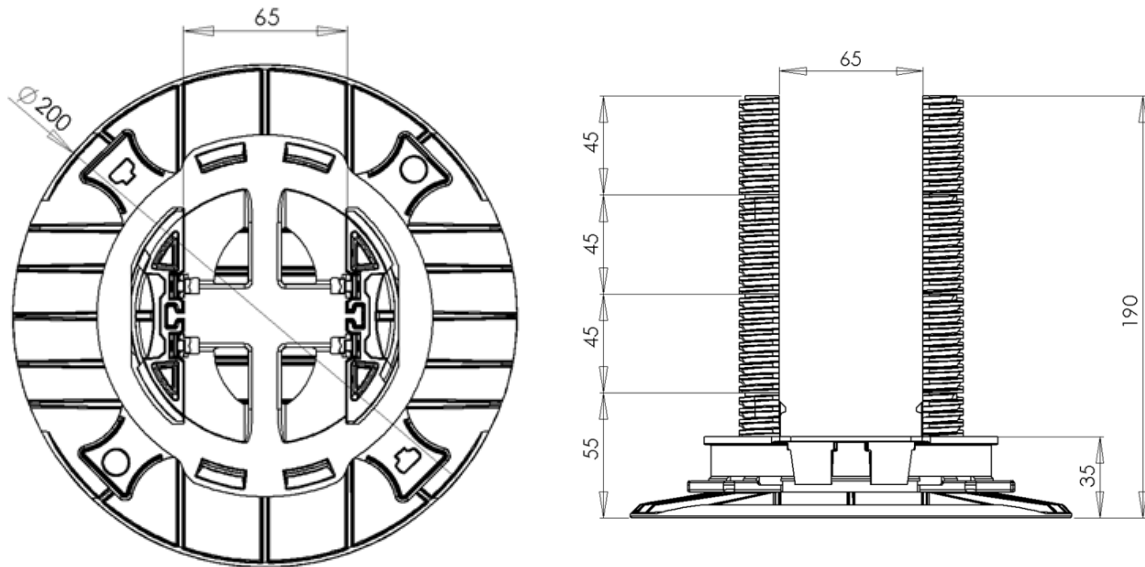
Top Lift pedestal



Part numbers:

Ref.	Description
1181	TOP LIFT adjustable pedestal - height 35 to 55 mm without raisers including base plate - diam. 20 cm, adjustment collar and plate. Joist width: 45 to 62 mm (sold per box of 40 units)
1641	Boosters (sold in pairs)
1496	Slope corrector (up to 4%)

TOP LIFT pedestal - technical data



Pedestal dimensions

Pedestal base diameter: 200 mm

Minimum height: 35 mm

Basic pedestal height adjustment range: 35 to 55 mm

Adjustment range with 1 pair of boosters: 35 to 100 mm

Adjustment range with 2 pairs of boosters: 35 to 145 mm

Adjustment range with 3 pairs of boosters: 35 to 190 mm

Technical data



Filled polypropylene made from 100% recycled material



Meets French Unified Codes of Practice standards DTU 43.1 and DTU 51.4



Compression strength approximates 1 ton



Acid and alkali-resistant



Temperatures resistance: -30 °C to +60 °C



Resists to weather elements

Laying decking on pedestals: general considerations

When laying a deck on pedestals, the supporting elements are not anchored to the ground. Therefore, this is a floating installation and the deck is kept in place by its own weight only.

TOP LIFT® adjustable pedestals can be installed directly on **stable substrates** such as concrete, rooftops with waterproofing, or existing deck surfaces. No ground preparation is therefore necessary. If the pedestal is placed on a **stable, compacted, natural soil**, a geotextile underlay is recommended to prevent vegetation growth and limit water in-flow under the deck.

Placing pedestals on turf:

If you intend to lay a pedestal deck on turf, remove the growth layer and lay geotextile under the pedestals to prevent grass from growing back.

1 - **Joist spacing.** Spacing depends on the type and the thickness of the decking boards used. It can vary from 30 to 60 cm.

2 –Cross-section.

Size of joists that work with TOP LIFT® pedestals:

Accepted widths: **45 to 62 mm**

Accepted heights: **20 to 220 mm**

Top Lift adjustable pedestals meet the requirements of the French **Unified Codes of Practice standard DTU 51-4** for wood decks:

- Admissible loads: adjustable pedestals must be able to bear point loads of 390 kg/pc
Compression tests conducted on Top Lift pedestals show that the rupture point is located between 800 and 1000 kg.
- The pedestal base includes a flat bearing surface with a minimal footprint of 300 cm²
Top Lift pedestals feature a load-bearing surface superior to 300 cm²
- Plan for a pedestal density such that spacing does not exceed 60 cm in both directions.

For Top Lift adjustable pedestals to also meet the requirements of French **Unified Codes of Practice standard DTU 43-1** for roof waterproofing: The user must ensure that the height of the adjustable pedestals provides a vertical distance between the pedestal base and the decking underside (or the underside of DTU 51-4 joists) of 5 to 20 cm.

MOST POPULAR CONFIGURATIONS:



Basic model 35-55 mm

Basic model + 1
pair of raisers
35 -100 mm

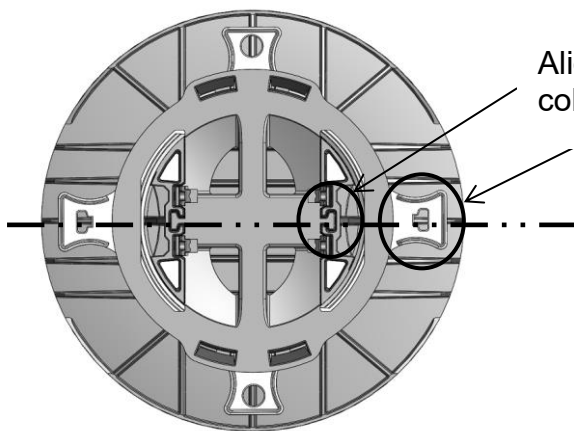
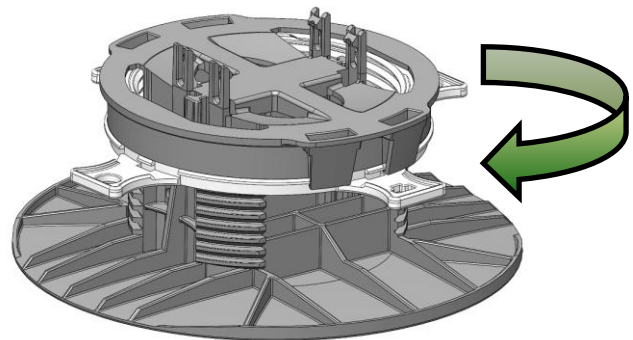
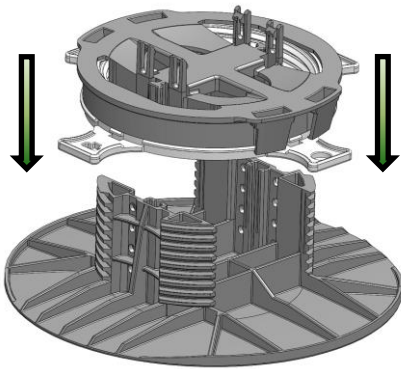
Basic model + 2
pairs of raisers
35-145 mm

Basic model + 3 pairs
of raisers
35 -190 mm

NB: the highest model can be used only for wind-braced decks.

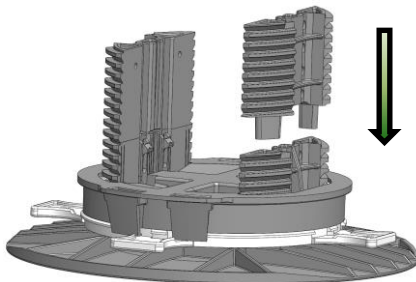
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Assembling pedestals (pedestals are delivered assembled, so this operation is not normally necessary)

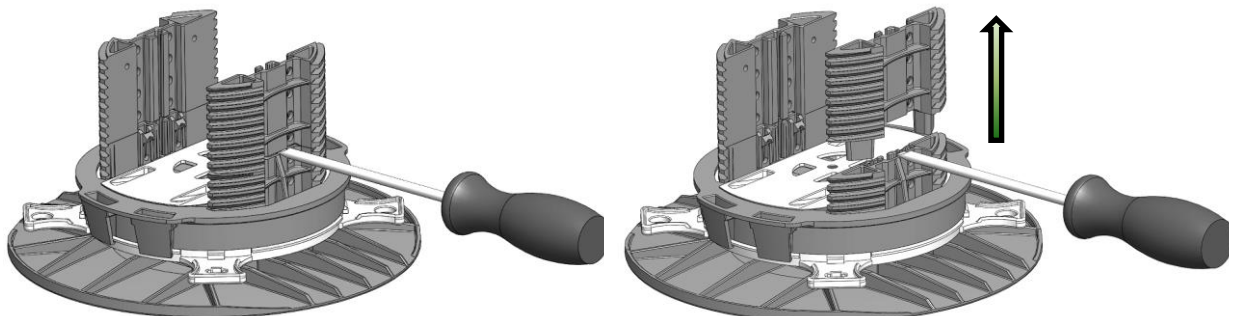


Align these 2 shapes before screwing on the adjustment collar

Fitting raisers:

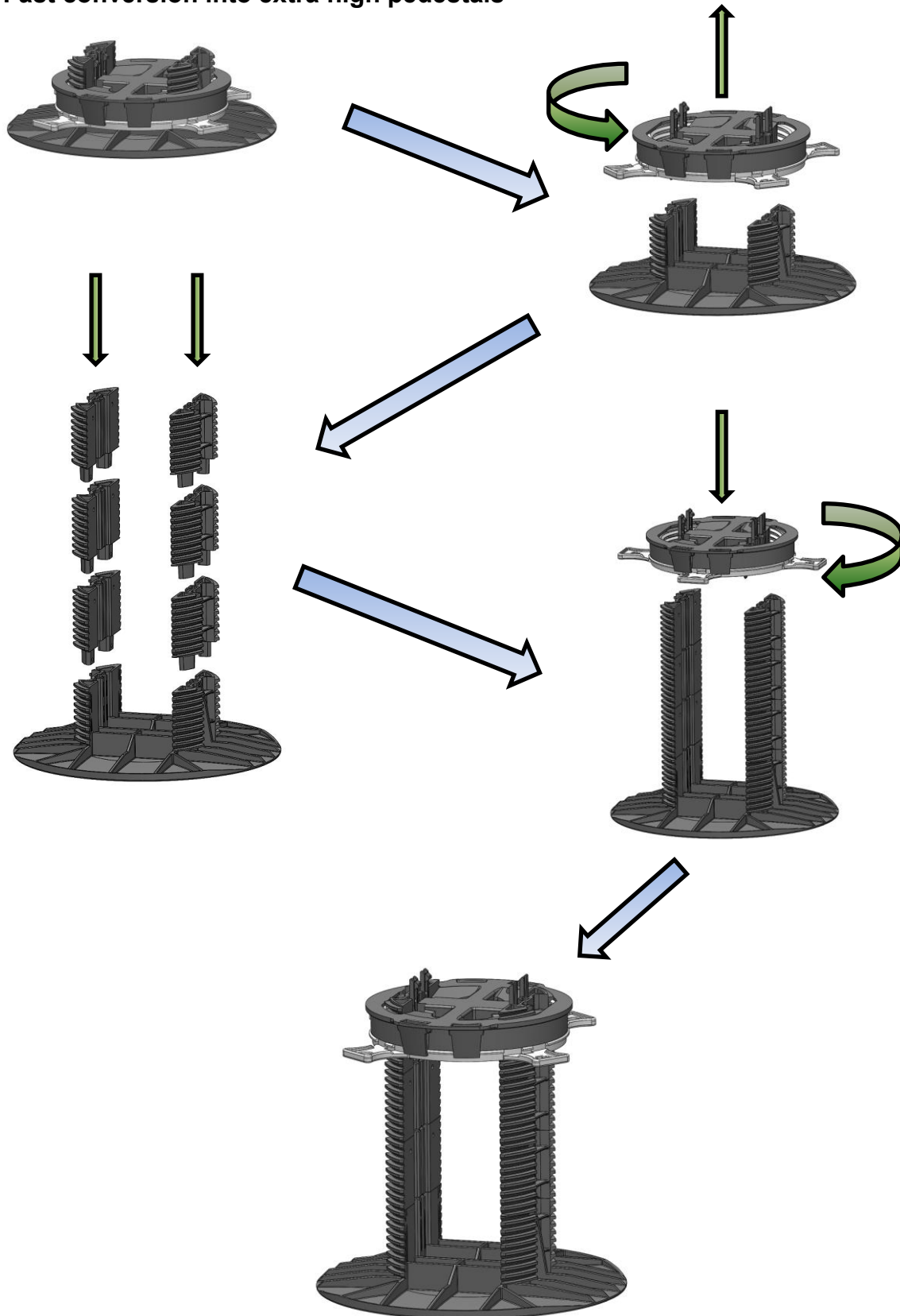


Removing raisers:



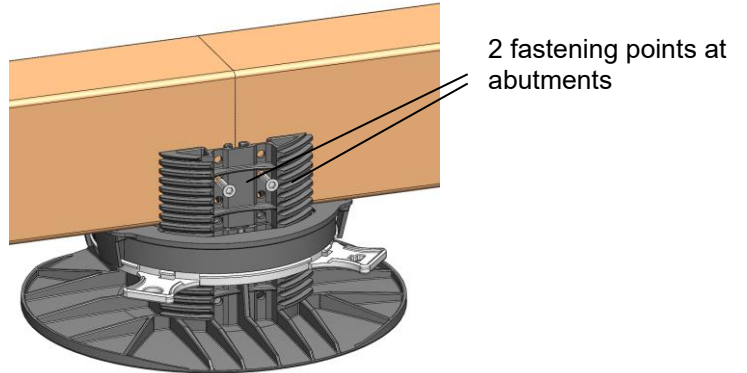
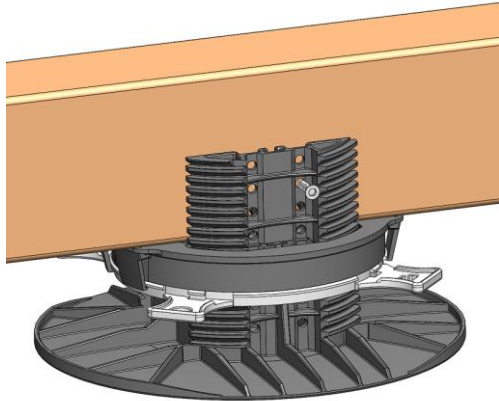
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Fast conversion into extra high pedestals

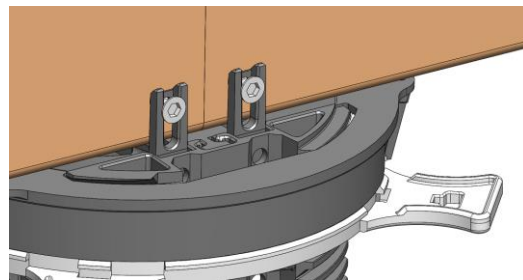
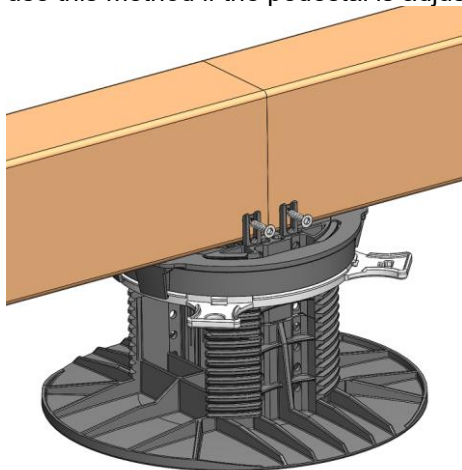


Fastening wood joists:

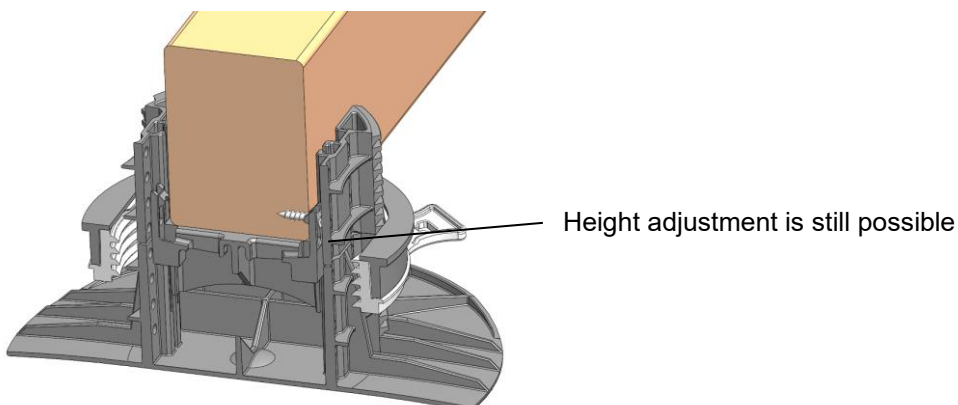
Fastening structural elements with screws through the raisers => **definitively locked in place**



Fastening joists with screws through the top plate clips => height adjustment possible at any time. Also use this method if the pedestal is adjusted to its highest position.



Do not over-tighten screws as this may damage the plastic clips with oblong slots

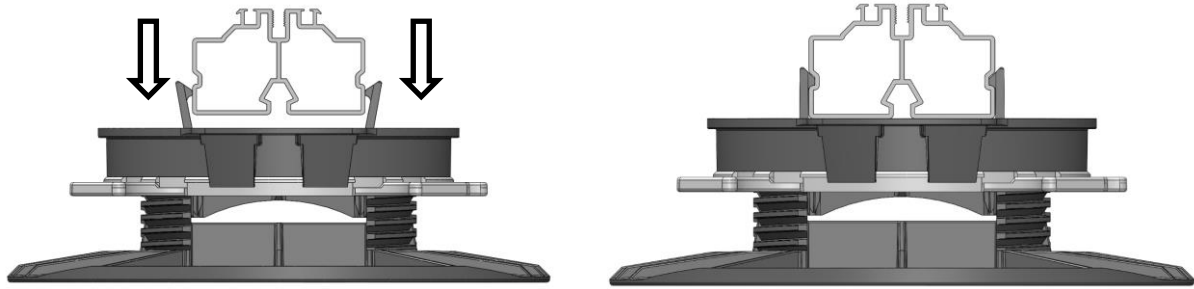


MRNAV21256

TF 4/25 mm A2 stainless steel Torx screw, per piece

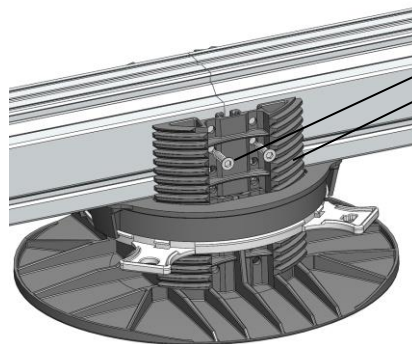
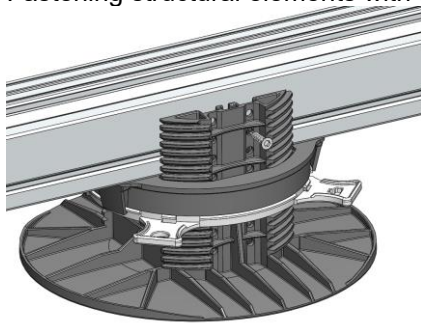
Fastening Perfect Rail aluminium joists:

These joists can be fitted into the top plate clips.



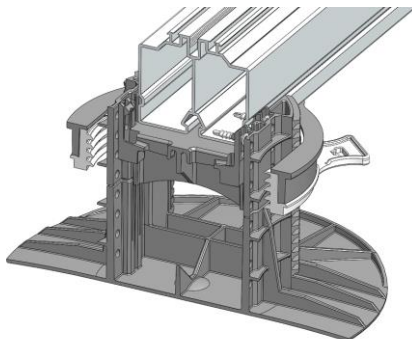
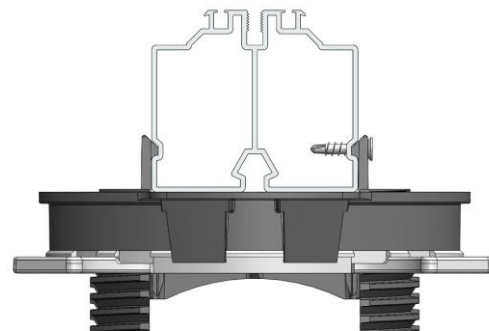
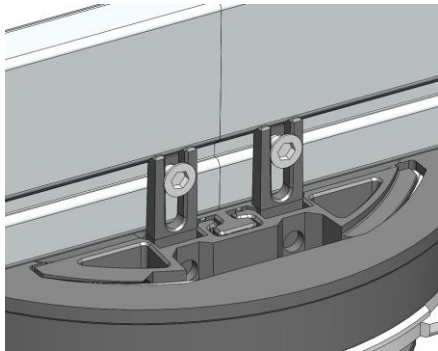
This fastening method suffices in most cases, but if water infiltration under the deck risks causing the pedestals to shift, they should be attached in the same way as wood joists.

Fastening structural elements with screws through the raisers => **definitively locked in place**



2 fastening points at abutments

Fastening joists with screws through the top plate clips => height adjustment possible at any time. Also use this method if the pedestal is adjusted to its highest position.

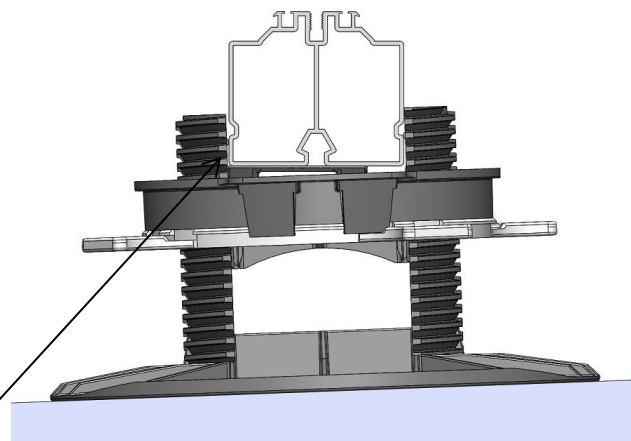
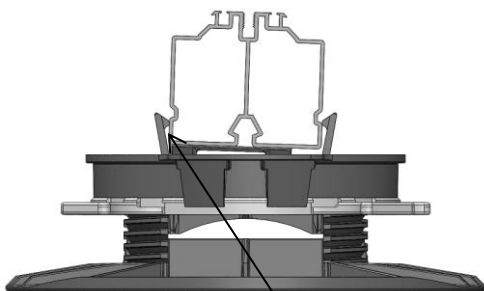
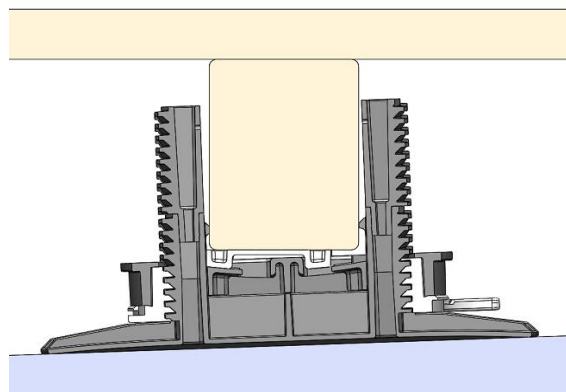
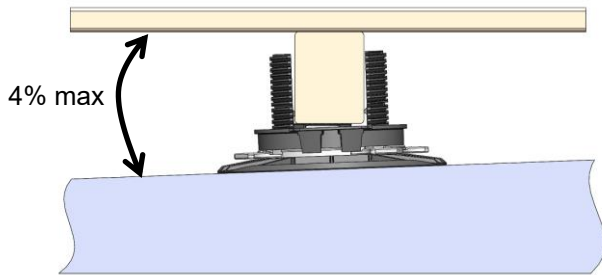
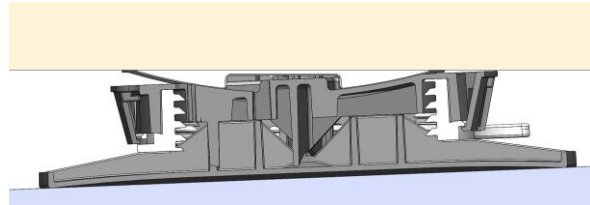
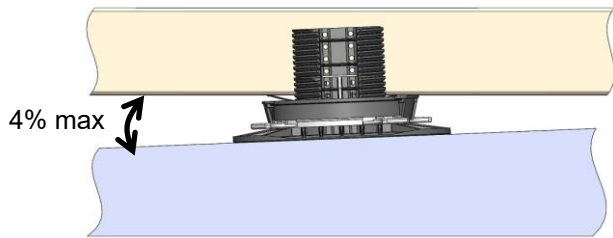


Do not over-tighten screws as this may damage the plastic clips with oblong slots

grad

Using slope correctors

They are used to prevent off-centre loads on the pedestals and are recommended for slopes between 1% and 4%.



Perfect Rails placed on gradient correctors are held in place by compression on their external surfaces