

# INSTALLATION INSTRUCTIONS

## FLOATING INSTALLATION

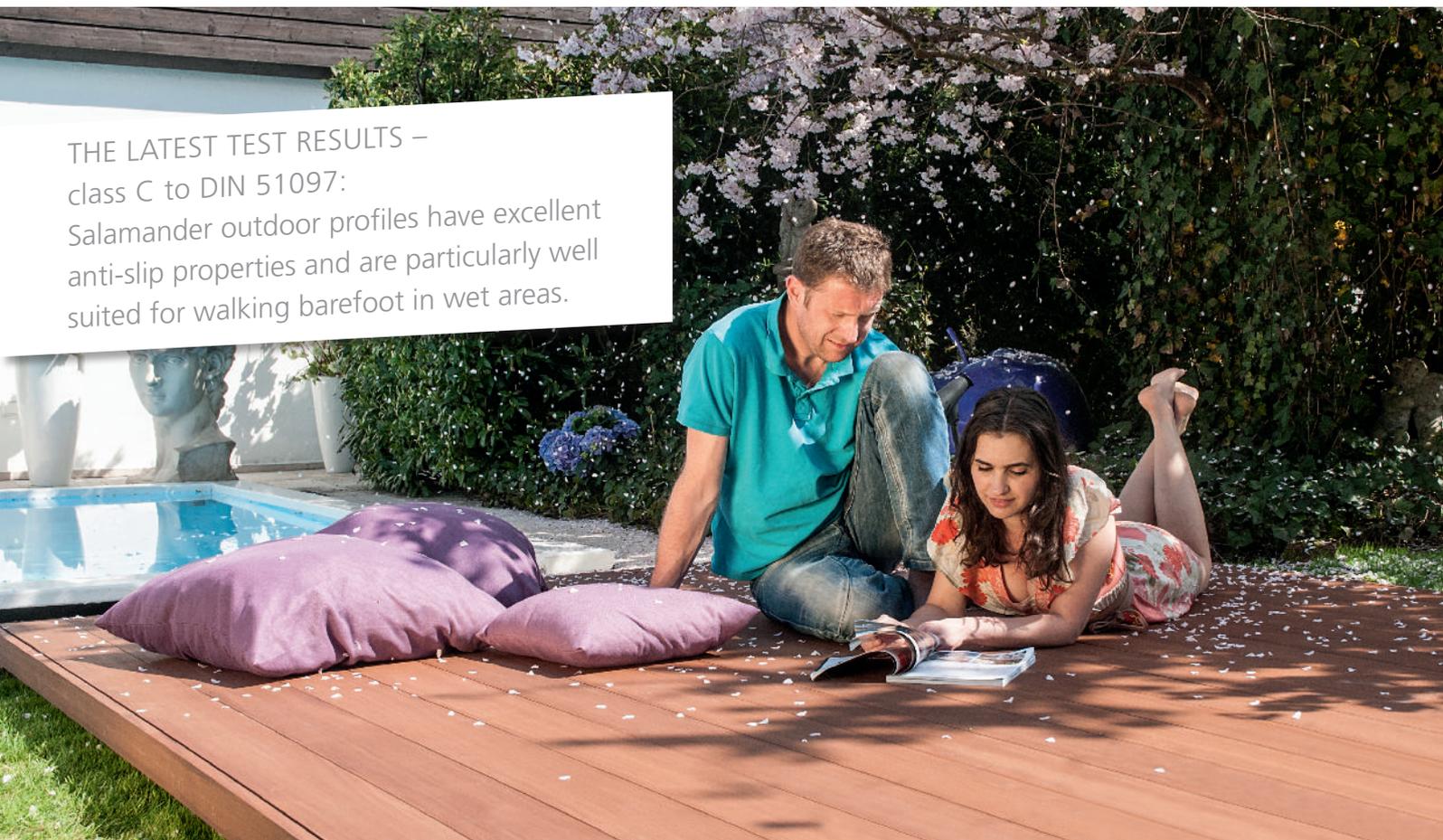


GERMAN  
BRANDED PRODUCT

*I feel Lurchi-Wood*

**SALAMANDER**<sup>®</sup>  
DECKING, FENCE & FACADE

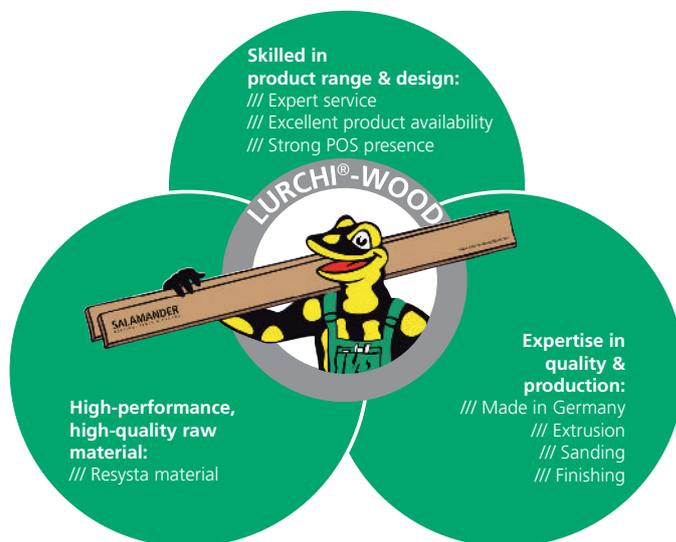
THE LATEST TEST RESULTS –  
class C to DIN 51097:  
Salamander outdoor profiles have excellent  
anti-slip properties and are particularly well  
suited for walking barefoot in wet areas.



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**/// The Salamander service package**



Products made of Lurchi®-Wood combine the most important elements of years of experience in production, customer service and quality raw materials.

# /// Scope of delivery for frame

FRAME RE400



Material:	Aluminium
Width x height:	34 x 49 mm

CONNECTING BRACKET RE401



Material:	Galvanised steel
Design:	90°

CONNECTOR RE402



Material:	Galvanised steel
Design:	180°

CONNECTOR RE403



Material:	Galvanised steel
Design:	Universal

SUPPORT RAIL RE404



Material:	Galvanised steel
Design:	For 350 mm spacing

INSPECTION SECTION RE405



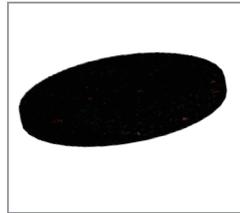
Material:	V2A
Design:	80 mm limb length

LIFT RE406



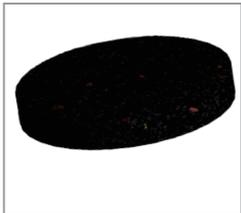
Material:	Galvanised steel
Adjustable Height:	6 mm to 35 mm

PAD RE407



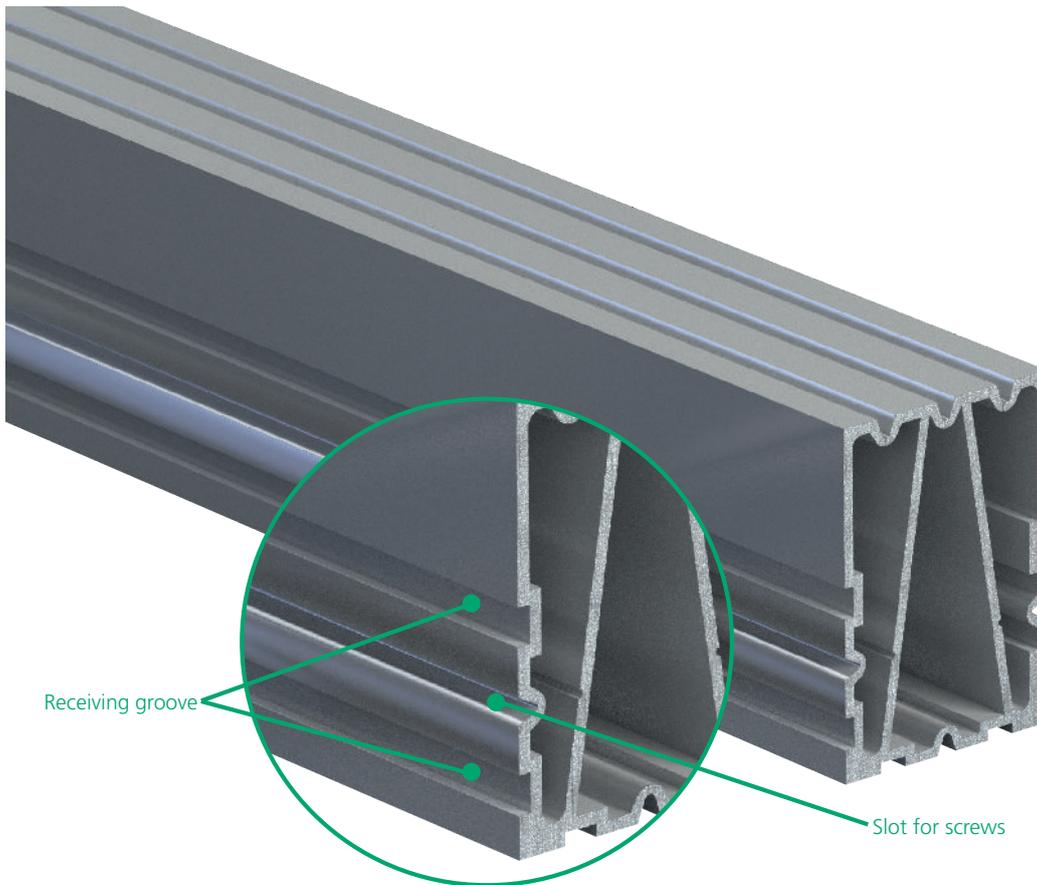
Material:	Rubber
Design:	5 mm with adhesive tape

PAD RE408



Material:	Rubber
Design:	10 mm with adhesive tape

# /// General product information



All parts of the frame are made of aluminium or galvanised steel, meaning that they are 100% **weatherproof**.

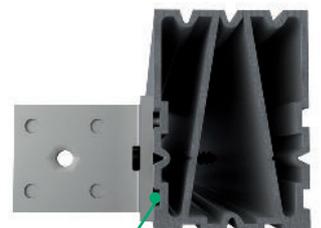
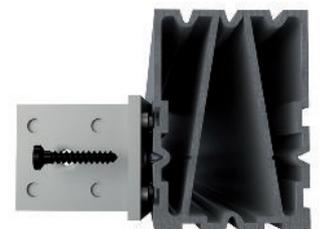
The aluminium frame RE400 includes receiving grooves and slots for screws. The slots for screws ensure that the screws can be positioned precisely. The screws use the initial section of thread for alignment as they are tightened into the material. This means no pre-drilling is required, resulting in hardly any shavings that could cause damage or injury. The receiving grooves provide for rapid, accurate and flush positioning of all the accessories for the product. **No complicated alignment process is required.**

/// **The accessories are provided with centring studs.**

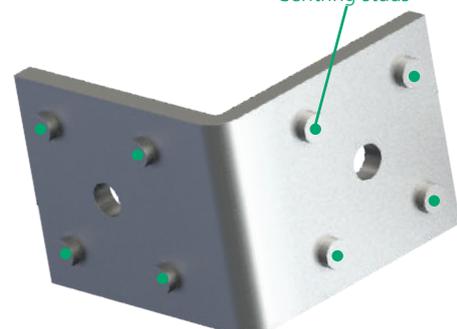
These studs fit into the grooves provided, optimising the installation process.

/// **Just one screw is needed to establish a positive connection,** which distributes the shear forces evenly over the studs.

/// The **centring takes place automatically** and ensures flush positioning every time.



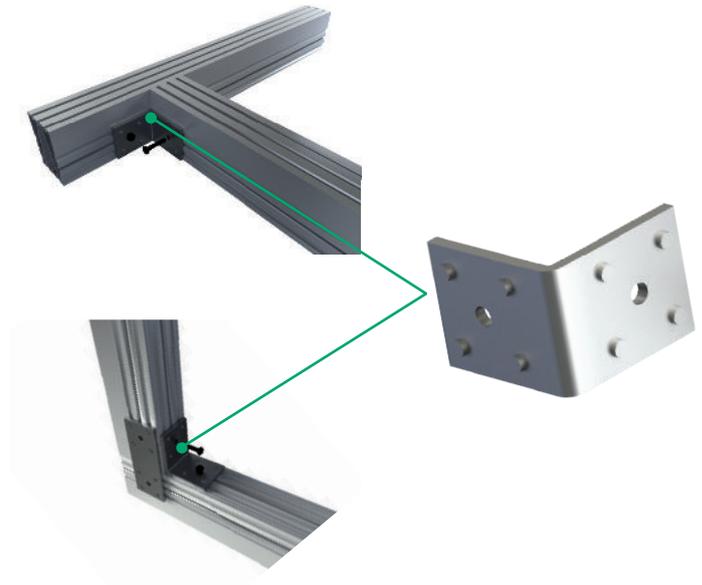
Centring studs



# /// One product system, lots of options

## /// Connecting bracket (RE401)

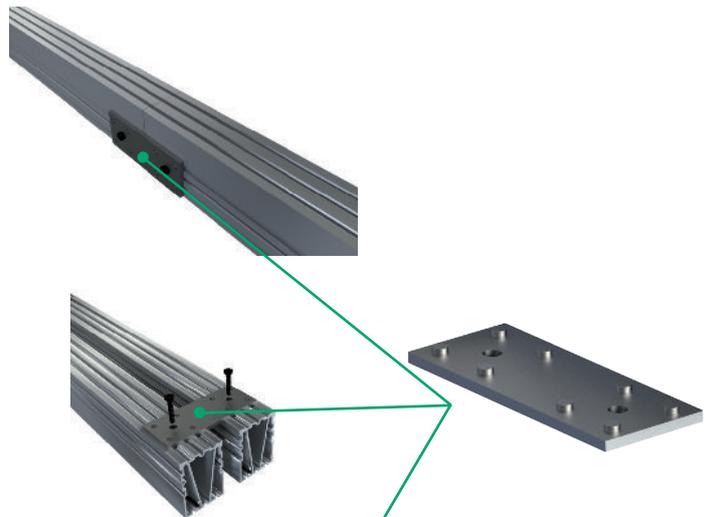
For connecting the frame sections at right angles.



For vertical configuration of the frame sections.

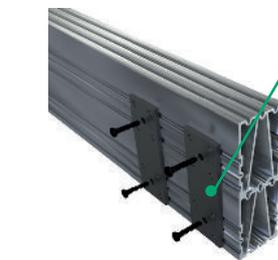
## /// Connector (RE402)

For connecting the end faces of the frame sections.



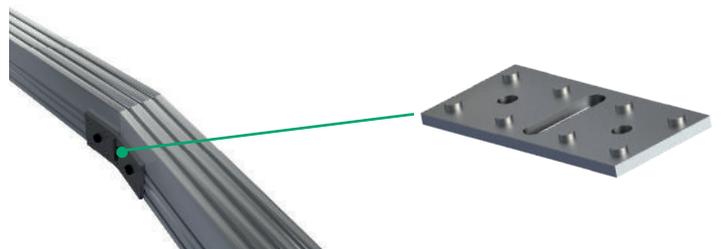
For parallel connection of the frame sections.

For connecting the frame sections one above the other.



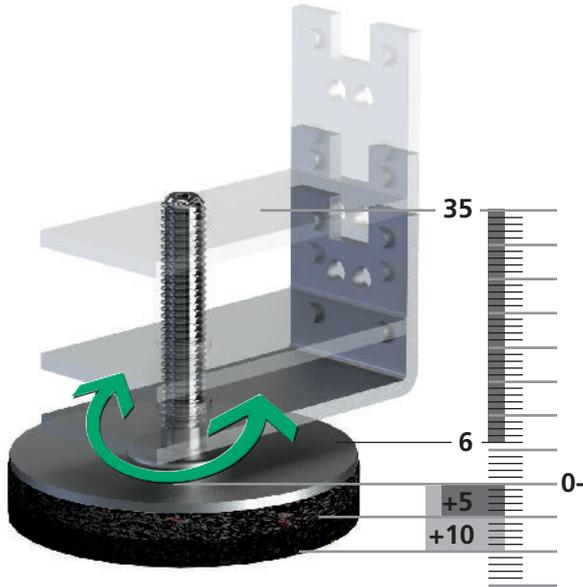
## /// Connector (RE403)

For connecting the frame sections at different angles.



# /// Installing the aluminium frame

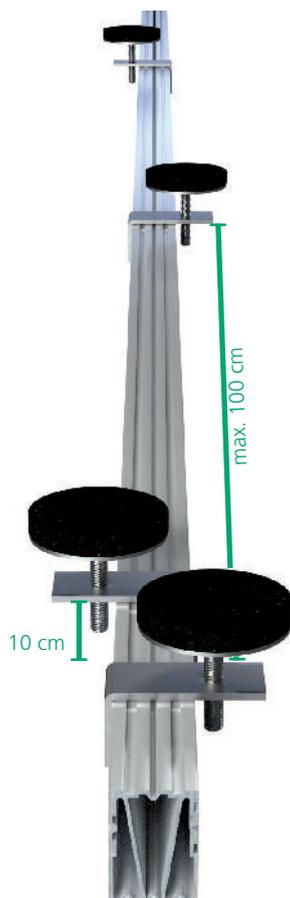
## 1. Attaching the lifts (RE406)



The height-adjustable lifts enable quick and uncomplicated alignment of the entire frame. Any unevennesses in the ground can be compensated in no time. The lift itself provides a build-up of 6 mm and can be extended up to 35 mm without difficulty. The lifts can bear loads of up to 500kg/m<sup>2</sup>.

The lifts are positioned beneath the frame slat and screwed in from the side. The spacing between the lifts should be max. 100 cm. We recommend installing them from alternating sides.

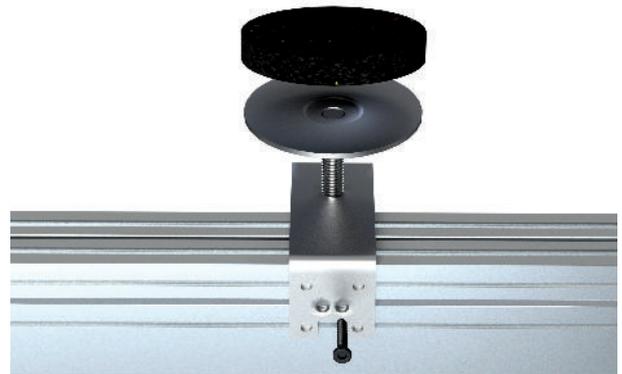
To increase stability for localised loads (e.g. flower tubs), two lifts can be fitted with a spacing of 10 cm on alternate sides.



**Tip:**

We recommend installing the frame with a slope of 1-2% to ensure water drainage. This is purely for aesthetic reasons, so that pools of water do not form on the decking. Both the aluminium frame and the Salamander shaped decking sections are 100% waterproof and are not damaged by moisture.

The pads are provided with a self-adhesive tape. Before sticking in place, make sure that there are no oil residues on the lift. We recommend that you do not exceed a pad height of 2 x 10 mm ( $\cong$  max. 2 pads can be stacked).



If the lifts are not to be used, the pads can also be stuck directly to the frame. In this case, we recommend installing only the 10 mm pad RE408 to allow for controlled water drainage.

# /// Installing the aluminium frame

## 2. Arranging the frame slats

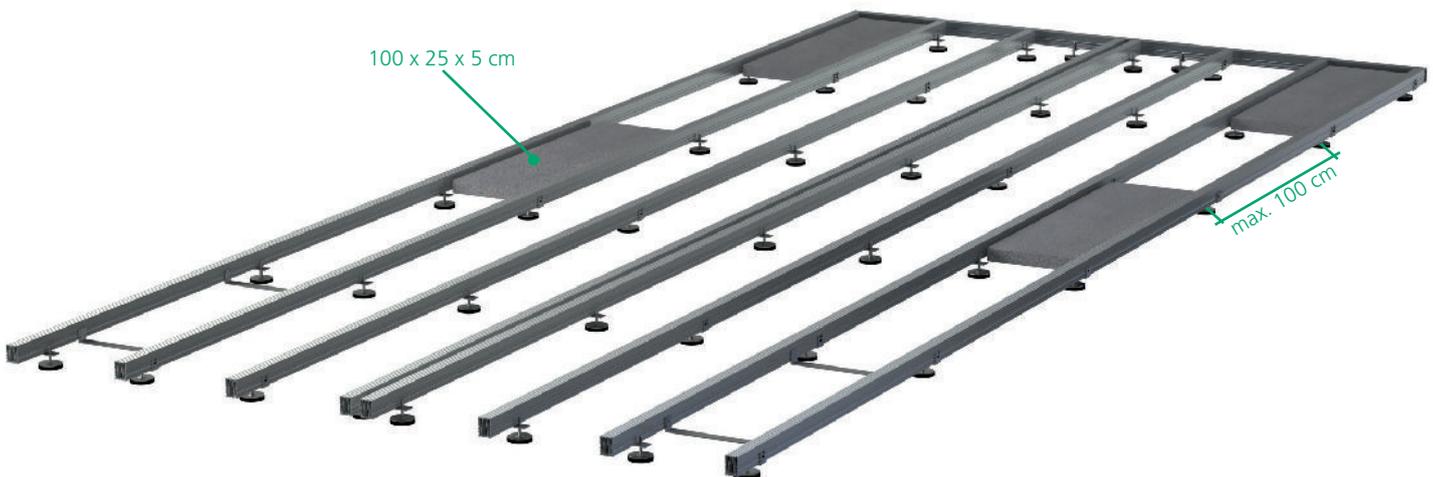


The frame slats are installed **with a spacing of 35 cm** (centre - centre).

Where the frame is to be built on a substructure such as roof terraces, balconies, etc., please observe the structural load capacity of the supporting structure. When designing the frame layout, we recommend arranging it as a closed frame. This provides additional strength and makes it easier to install the edging strips later.

Create section joints using two frame sections. It is not necessary to fix the frame to the ground.

## 3. Weighting the frame



Commercially available concrete slabs must be installed in the frame at section ends and joints. The slabs serve to weigh down the entire frame and ensure additional safety.

As with all accessory items, the support rails RE404 are provided with centring studs which fit into the side receiving grooves on the shaped frame sections. These are fixed in place in the usual manner using just one screw. The support rail is designed in such a way that the spacing of 35 cm (centre - centre) between the frame slats is created automatically.

Each concrete slab requires two support rails. Standard concrete slabs measuring 100 x 25 x 5 cm can be used to weigh down the frame. The spacing between the concrete slabs is 100 cm.

# /// Installing the aluminium frame

## 4. Connecting the frame slats



The individual frame slats are connected using the bracket RE401. This provides a stable frame structure that does not need to be fastened to the ground.

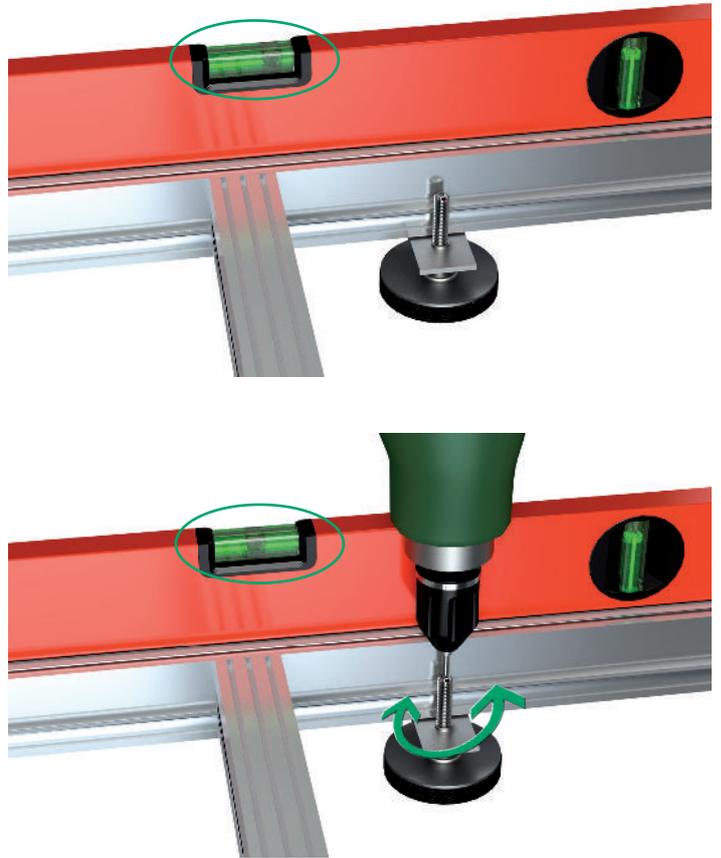
If the angle is not 90°, the universal connector RE403 can be bent to any angle.



If it is necessary to connect several frame slats together at the ends, the connector RE402 should be used.



## 5. Aligning the frame



Aligning the frame takes no time at all.

The lifts can be adjusted to the correct height without difficulty using the enclosed allen key or a cordless screwdriver.

# /// Installing the aluminium frame

## 6. The finished frame



When finished, you will have a stable aluminium frame which is 100% weatherproof.

The concrete slabs provide additional safety and stability.

As can be seen from the figure, the frame can also be installed vertically, e.g. for steps, integrated seating solutions, etc.

Please read the "Installation Instructions for Decking" for how to install the decking.



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