

SALAMANDER

INSTALLATION GUIDE

DECKING



I feel Lurchi-Wood

SALAMANDER[®]
DECKING, FENCE & FACADE

Storage:

Please store the profiles horizontally on level surfaces in order to avoid damages.
Distance of the pads max. 400mm

Underground:

The underground has to be plane, sustainable and frost-resisting. Rainwater needs to drain of and seep away unhindered.

Ventilation:

In order to ensure the ventilation of the profiles, the spacings of the supporting profiles may not been filled (e.g. with gravel)

Profile length:

Generally, the profiles are produced with overlength.
The precise, suit to need cutting, takes place both-sided, in line with laying, on the site.

Decline:

Generally no decline is needed.
Stagnant or freezing water in the hollow chambers does not cause damages.
Nevertheless, because of the following reasons we recommend a decline of 1-2%:
Water drain is ensured, no stagnant water on the surface (optical characteristic)
Pollutions will be swilled from the terrace (self-cleaning)

Linear expansion:

The profiles expand, if the temperature increases.
Therefore, while installation, please consider the linear expansion of the profiles.

Temperature of the profiles	linear expansion of the profiles
0°C - 10°C	2.5 mm per meter
11°C - 20°C	2.0 mm per meter
21°C - 30°C	1.5 mm per meter
31°C - 40°C	1.0 mm per meter

Example: At a material temperature of 15°C and a profile length of 3.000mm, while installation a distance of 6mm is needed.

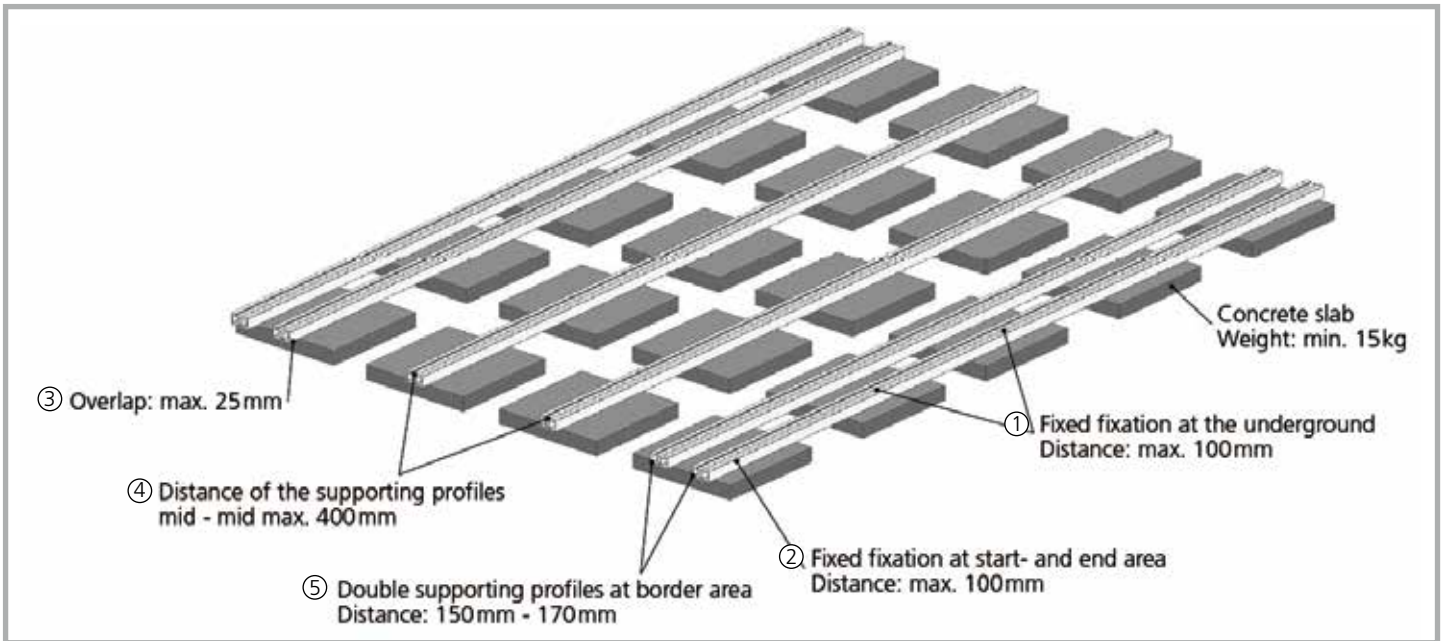
Legal notice:

The Salamander decking profiles and the supporting profiles were specially developed for use as terrace flooring. The products do not have building regulations approval, and so should not be used for supporting, structural purposes. The local building regulations should be followed, as well as the laying instructions.
This installation instruction refers to standard layings. Because of the various scopes for design not all details can be pictured and have to be clarified on the site, under consideration of the standard guidelines.

For more information concerning laying, cleaning and caring of the profiles please look at www.gercona.com

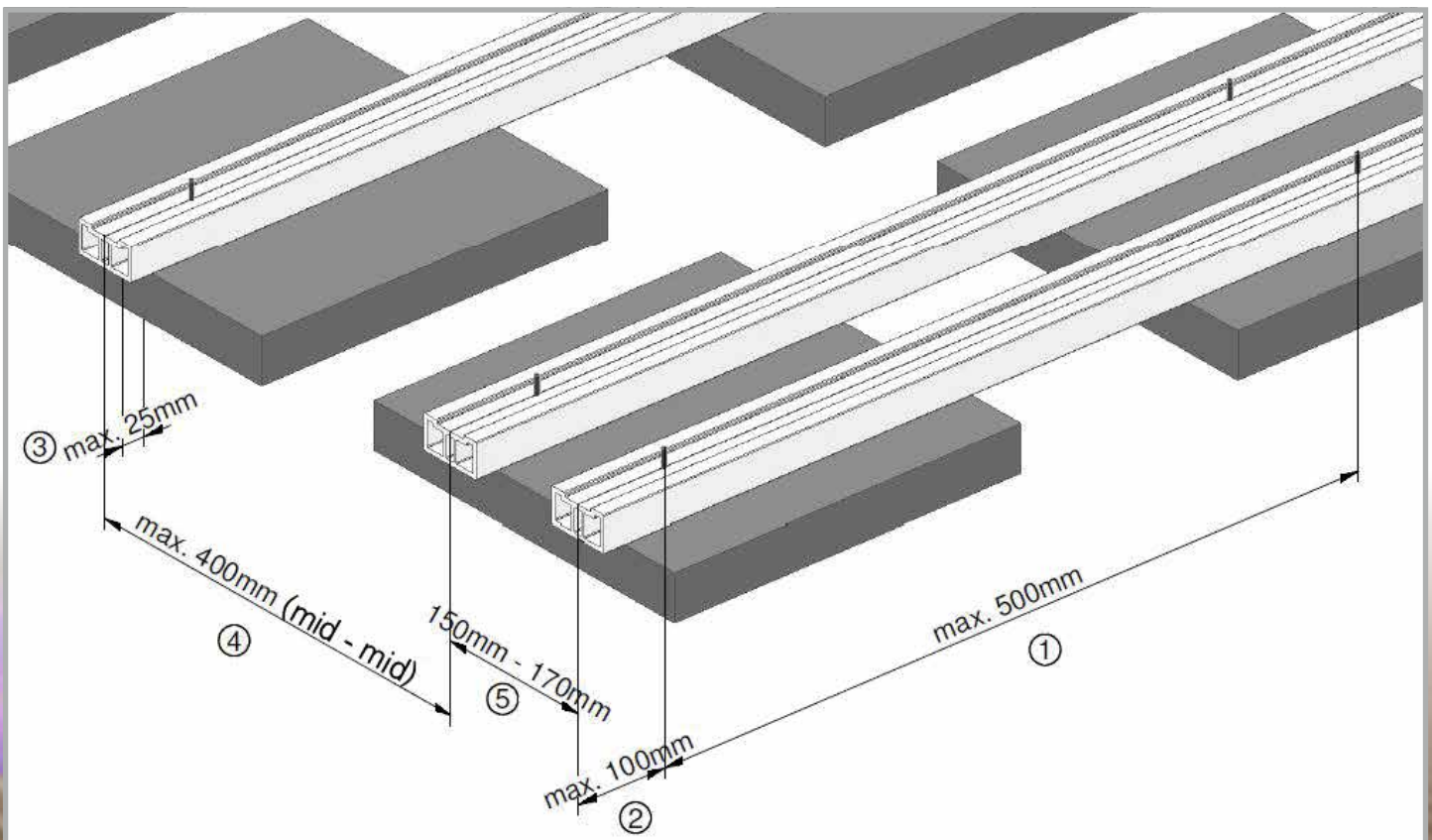


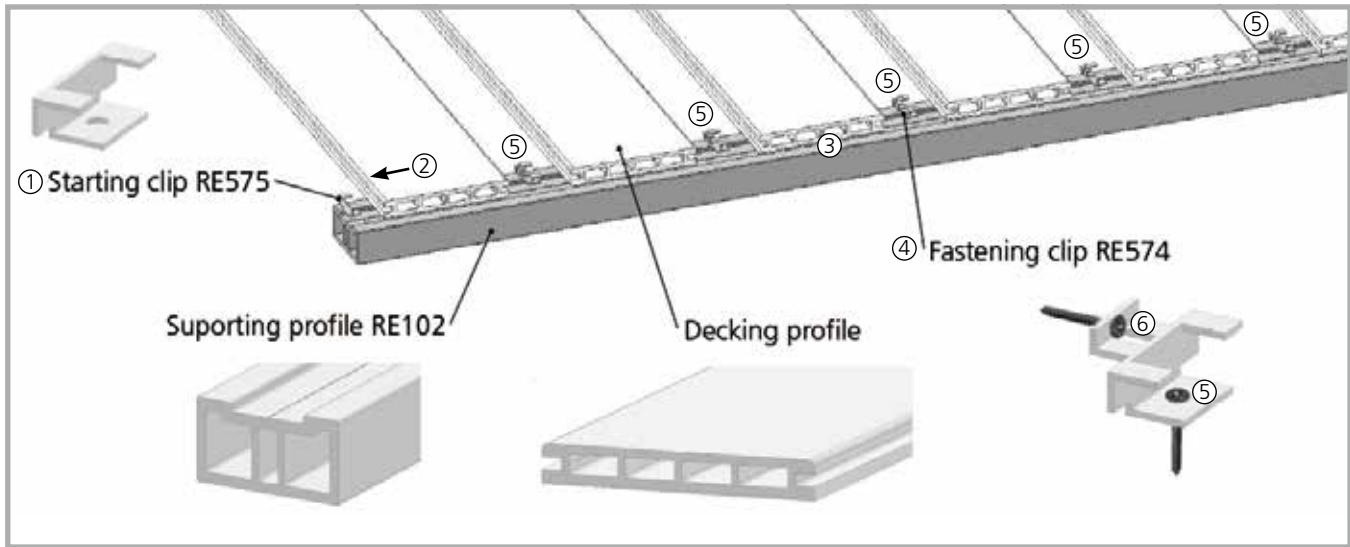
/// Installation



- ① The supporting profiles need to be fixed with the underground with a max. distance of 500mm e.g. continuous footing or concrete slabs (weight ≥ 15 kg)
- ② Fixing distance at the beginning and end: max. 100mm
- ③ Overlap of the supporting profiles: max. 25mm
- ④ Distance of the supporting profiles: max. 400mm (mid – mid)
- ⑤ At the border area and at section butts an additional supporting profile is needed, distance 150 – 170mm.
- ⑥ Section butts: please use two supporting profiles

Detail:



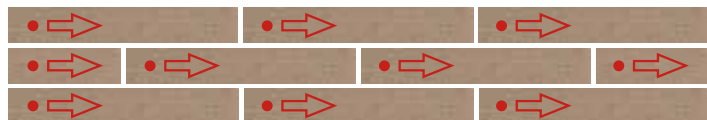


- ① The starting clip is screwed to the substructure.
If the distance between screw and the beginning of the substructure is less than 15mm, predrilling is necessary.
- ② The decking profile will be shifted under the flaps of the starting clips.
- ③ The overlap of the profiles to the substructure may max. be 25mm.
- ④ The fastening clip RE574 will now be inserted and screwed to the substructure.
- ⑤ At every crossing point between substructure and decking profile a clip with a screw will be installed at the substructure.
- ⑥ Now a screw will be screwed in the side groove of the decking through the flap in the fastening clip RE574. Thereby the direction of the expansion is specified.

Attention! The fixation in the side groove will only be carried out at one position per profile.

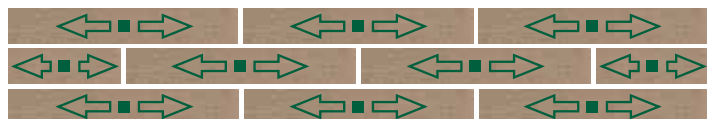
Possibility 1

Through the fixation at the beginning of the decking profiles, the profiles expand uniform to one side.



Possibility 2

Through a central fixation the profiles expand uniform to both sides.



- ⑦ The installation of the last decking profile happens with a visible screwing.
For an accurate positioning of the screws we recommend a predrill with 2mm, as well as a simple countersink, so that the screw head finishes flush with the profile surface.
- ⑧ The skirt profiles will, as the last decking profile, be fixed visible at intervals of 400mm.