

## Which tools do I need?

We recommend the following tools for straightforward and swift assembly:

- Crosscut and mitre saw with metal blade (for shortening the profiles and optionally for precise cutting of mitres at corners  $\neq 90^\circ$ )
- Spirit level (one short and long version each)
- Cordless drill (with appropriate bits and 3 mm metal drill bit)
- Protractor (optional – for measuring and fitting corners  $\neq 90$  degrees)
- Laser (optional – for the alignment of the build-up height for sloping surfaces and different build-up heights)

## Do I have to use screws to connect the secondary profile for extension?

No, just align the secondary profiles with a gap of a few millimetres. The weight of the tiling will stabilise the secondary profiles after installation and stop them from shifting. Make sure that the height is evenly adjusted on either side of the joint. The length of the secondary profile sections should not be less than 1.50 m (if necessary, cut the profiles accordingly) and the joint of the secondary profiles should not meet a tile joint. If you still want to fasten them with screws, you can use our connection profiles or longitudinal connectors. You can also screw or rivet the secondary profiles to the edge profiles using the support strip.

## Where and how often should I position my height adjustment points?

The Slim system variant should be underpinned at least every 80 cm, the Raised system variant at least every 120 cm. Depending on the tile dimensions, substrate conditions and system variant, it may be advisable to position the support points more frequently and at the corresponding tile joints (for example: substructure every 60 cm for tiles with 60/60/2 cm with the Slim system). An inspection of the system after the first square metres have been erected can help you to decide whether the number and positioning of the support points are appropriate for your building conditions.

## Why do I need the aluminium flat strip or the connection profiles?

Despite the high rigidity of aluminium, the profiles are not completely inflexible. On long, exposed sides of the installation surface ( $>3$  m), we advise to connect the edge profile at some points with two adjacent secondary profiles to prevent the outer row of tiles from protruding when strong shear forces act on the surface. For this purpose, use either the flat strip or the connection profiles, which are fastened to the undersides of the edge profile and the secondary profiles from above through the support strip.

## What is the purpose of the support profiles and how are they used?

The TALUX support profiles are used for the central support of large format tiles from a width of 60 cm. This provides additional protection for the tile against strong point loads and possible rupture. For the installation and fixation of the profiles, we recommend applying a drop of commercially available silicone to the contact surface of the profiles. To minimise noise generation, place a TALUX support pad between the support profile and the tile.

## How do I shape corners which are not 90 degrees and narrow niches, for example at doors?

Instead of using our ready-made corner modules, all profiles can be individually mitred on site to create any required angle. To join the cut profile pieces in this application, use two exterior corner connectors, bend them to the appropriate angle and fit them to the profile pieces with the screws supplied. The same method can be used to create door niches whose shallow depth does not allow the use of the corner modules.

## How long will it take to install the TALUX system?

Generally speaking, the installation time depends on various circumstances such as the location of the surface (ground level or balcony), complexity of the surface (simple rectangle or many corners and niches), installation pattern, covering and the experience of the craftsman. Yet plenty of experience from installers indicates that time savings of up to 30 % can be achieved compared to conventional installation methods, such as using pedestals, grit or mortar.

## Are there any questions left unanswered?

Our customer service will be pleased to help you! Please send us an e-mail to [info@talux-system.de](mailto:info@talux-system.de) or contact us by phone at +49 6022 / 264 11 57