

## Assembly instructions

AT FIRST: Divide your fence panels dimensional!

The following instruction for example applies for approx. 200cm distance between the posts and fence panels classifications.

### **1.) Posts mounting**

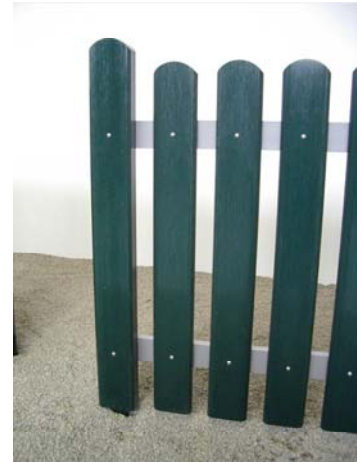
The posts (aluminum T-profiles 50x50/5 mm or aluminum square-posts 50x50/3mm shall be concreted vertically (level) in with a **distance of approx.. 200 cm**. Consider the border margin and frost line!

### **2.) Square-bolts assembly**

The square-bolts 60x20/2 mm or 60x30/2 shall be screwed in horizontally (level) in front of the post. In addition to this everything shall be pre-drilled.

Example:

Aluminum square-posts 50x50/3 mm



Pre-drilling aluminum square-posts  $\varnothing$  4 mm

Pre-drilling aluminum rectangle-profile  $\varnothing$  6 mm, drill out one site  $\varnothing$  10 mm

Screw 4, 8 x 22 mm (the screw head disappears in the rectangle-profile)

Aluminum T-posts 50x50/5 mm

Pre-drilling aluminum T-posts  $\varnothing$  6mm,

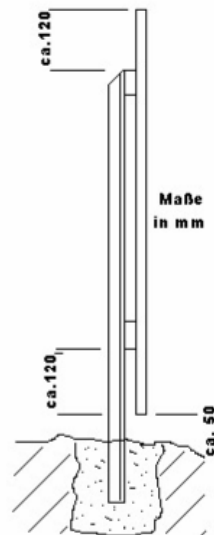
Pre-drilling aluminum rectangle-profile  $\varnothing$  4mm,

Screw 4, 8 x 22 mm

For heights-positions please refer to the following drawing:

Slats 80-100 cm

Distance of the lower edge of the slat to the turf or border approx. 50 mm.



The different aluminum square-bolts shall be screwed lengthways among themselves with the angle element connector. Screws 4,8x16 mm; Pre-drilling 4 mm. The strokes can be laid on the posts, but they can also lay on random positions.

**Screwing from behind!**

**3) Fence slats – assembly from the front side**

## Fence-system for do-it-yourself construction

The slats with the profiles 95x22 mm or 95x22/15 mm or the posts-veneers 95x40 mm takes usually place with 7 slats per running meter. This causes a distance of the slats from approx. 50 mm. Please note the regional fence panels classifications. Post veneers can be used in every random position in place of a slat.

- The Fence- or posts veneers shall be pre-drilled centrally with a 6 mm borer (**no smaller diameter!**).
- Hold the slats vertically to the lock-profile. After that pre-drill the rail-profile through the 6 mm hole with a 4 mm borer.
- Fix the slat or the post veneer at top and bottom with the head screws 4,8x32 (slats) or 4,8x50 mm (post veneer). Don't tighten the screws to much because thereby the acryl-surface can be damaged (No bulge clamping on the screw hole!).
- This will enable, that in the event of thermal elongation (summer/winter) the plastic material has more leeway in the pre-drilled whole. Smaller screw diameters are not advisable because the screw can be departed at low temperatures in winter.
- The cut surfaces on the head are varnished with a special UV-varnish in terms of colour.

### 4) Garden door assembly

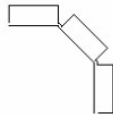
Assembly separate with delivery of the garden door

### 5) Roundings and arcs, corner solution

Roundings: The aluminium square-posts can be designed very flexible and limber by cutting. Thereby arcs are possible.

Sketch:

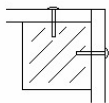
sawing



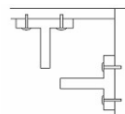
bending



Corner solutions:



or



Please note: Please infer the product characteristics and care from our product information acryl-coated profiles for fence- and balcony.

### Manufacturing and distribution

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