



For installation, we recommend using the Elephant® aluminum Modular posts. Ensure that the posts are properly leveled and set to the desired height before installation. The fence must be installed at least 3 cm above the ground.

1. Place the posts level and at the correct height, spaced 180 cm apart, measured from the groove of each post. Use the length of the aluminum top and bottom rails to determine this distance.

2. To ensure greater stability, embed the posts in concrete. Aluminum can react to exposure to acids and/or alkalis. Since concrete, cement, and mortar contain these substances, the part of the aluminum posts that will be embedded in the concrete should be wrapped in plastic for protection to prevent corrosion. Ideally, the posts should be anchored in a concrete-filled hole measuring 30 × 30 × 60 cm to withstand potential strong wind loads. The best way to secure the aluminum post in concrete is by drilling a hole at a depth of approximately 30 cm and inserting, for example, a threaded rod through it.

3. When embedding posts in concrete, the concrete should be filled up to the bottom of the spacer (3a).

4. On a solid surface (such as concrete or tiles), you can also use shorter posts with Elephant® Modular post bases combined with Elephant® storm anchors.

5. and 6. Components

- Aluminum posts 6.8 × 6.8 cm (5a), including 2 cover profiles (5b), a post cap (5c), and pre-installed 4 cm spacers in the grooves (5d).
- Aluminum bottom (6a1) and top rails (6a2) with 2 mounting clips installed on the top rail (6b).
- Set of 12 slats (6c), with front-side marking (6d).

The post length depends on the chosen screen height and whether you use a post base or embed the posts in concrete. The posts can also be used as corner posts. Unused grooves can be covered with the supplied cover profiles. Instead of a post, you can also use a wall-start profile fixed against a wall.

7. Assembly

Start by assembling the individual components. First, place the aluminum bottom rail (6a1) with the tongue facing up into the grooves between the posts, resting on the spacers. Then, place the first slat (6c) on top, with the tongue facing up and the groove facing down (aligning with the front-side markings (6d)). Repeat these steps until you reach the desired height. Finish with the top rail (6a2), with its groove facing downward. The expansion of wood composite slats is minimal and remains within the allowed tolerances.

Slide the two mounting clips attached to the top rail (6a2) into the ribbed profile inside the post groove (6b). These clips can slide within the ribbed profile

to accommodate any minor expansion in the total height of the wood composite slats due to weather conditions. Once finished, place the post caps back onto the posts.

The height effect of wood composite parts is minimal and falls within the available tolerances.

Tip: Small scratches on the wood composite slats can be easily removed by brushing along the grain with a wire brush.

8. Solar-Powered LED Lighting

Use the separately available Elephant® LED lighting for atmospheric post and fence illumination.

Adjusting the Width

The standard kits measure approximately 180 × 174 cm (W × H), but you can adjust the width by shortening individual components. Ensure that the slats are cut 0.7 cm shorter than the aluminum top and bottom rails to allow for potential length expansion due to weather conditions. This slight expansion is absorbed within the grooves of the posts.

