

## MOUNTING INSTRUCTIONS PLATOWOOD FAÇADE CLADDING

To enhance durability and to minimise the need for maintenance, proper assembly techniques are paramount. This document will supply you with the necessary information to make your project a long term success. The mounting of Platowood façade sections in the Netherlands must be done in accordance with the Dutch Centrum Hout's [Wood Guide](#). Outside of the Netherlands, the national building regulations apply.

### Transportation and storage

1. Platowood products must be carefully transported and stored horizontally. Be sure that the product is properly supported.
2. It is important to mount the wood as soon as possible after delivery. And it is also of importance, in the meanwhile, to store the wood dry and not to remove any foil packaging used for the façade sections that have been provided with a finishing, with the exception of the Natural and Weathered Color Oil finishings. Caution: when stacking, replace the foil between the façade sections and allow the wood to ventilate.

### Mounting

#### Battening

3. Ensure that there is adequate ventilation behind the façade cladding. This applies to both horizontal and vertical façade cladding. Allow for sufficient ventilation at the top and bottom of the façade.
4. Double battening is needed for vertical cladding. The horizontally fastened rear battens at the top should be chamfered inwards so that moisture drains into the cavity.
5. The spacing between the battens is usually 60 cm, but if a sleek look is required, it is recommended to maintain a centre-to-centre distance of 40 cm. Where façade cladding profiles meet in the longitudinal direction, preferably apply a wider or double battens.
6. For open façade cladding and when using round-headed ring shank nails, the battening thickness must be at least 27 mm. When using screws, the battening must be at least 18 mm.

#### Façade cladding

7. Seal the crosscut edges of the façade cladding with a suitable sealant prior to fastening (follow the instructions on the packaging).
8. Fasten the wood sections with stainless steel ring shank nails or screws (round-headed or countersunk head). The heads of the ring shank nails or screws must be on top of the wood surface and must not be fitted recessed. Refer to Table 4 in the [Wood Guide](#) (Dutch 'Centrum Hout') for the correct lengths of the fasteners for the façade section.
9. For Platowood Spruce: fasten the wood sections as such that the sapwood side (bark side) is the facing side, i.e. the front. For profiles that can be used double-sided – like the P01, P05 and P07 – this can be seen by the tree rings on the crosscut edges. As this is not always clearly visible, the back of these profiles is 'marked' with a spiked roller. This makes it possible to see at a glance which side should be at the back.
10. Fasten façade cladding to the ends of the profiles with a single ring shank nail or screw that is at least 50 mm from the end of each support point. Pre-drill the holes.
11. For an open façade section with a width of less than 120 mm, fasten each support point with one fastener and for a width greater than 120 mm, at two fastening positions. The minimum distance between the top and bottom edge is at least 15 mm. Fasten a closed façade section with a single fastener at each support point.

12. Wood façade cladding applied to an external shed must always be fastened with two fasteners at each support point. Because of moisture penetration, the façade sections of single-walled external sheds must be as wide as possible.
13. For closed façade cladding, maintain a clearance width of 3 to 4 mm between the overlapping sections.
14. Apply façade sections of open façade cladding with a clearance of 7 to 10 mm between the sections.
15. Keep the wood sections 7 to 10 mm clear from connecting structural parts. This also applies to the space between the two crosscut edges of the façade sections (butt joint).
16. Prevent seepage at the crosscut edges of vertically applied façade cladding, by chamfering them.
17. At the bottom, keep a distance of at least 100 mm between the wood and ground level, and ensure that a weathering profile is fitted with a gradient of at least 15°. The weathering profile must protrude at least 15 mm from the front of the façade. Maintain a space of at least 10 mm between the façade section and the Z-profile in connection with ventilation. Furthermore, ensure that the ends are sealed properly, too. When positioning the façade section from 300 mm above ground level, the weathering profile may be omitted.
18. Chamfer the crosscut edge of the façade section inwards at the bottom, as a weathering edge.

### **Finishings**

19. After mounting, a final (third) coating must be applied to the façade section provided with finishing. This does not apply to guaranteed finishings and the Oil-based variants.
20. Damages to all finishings must always be touched up.
21. When using film-forming, transparent and opaque coating systems, the wood must always be finished with the minimum coating thicknesses prescribed by the paint supplier.

More information on finishings can be found in the document 'Maintenance instructions' on our website.