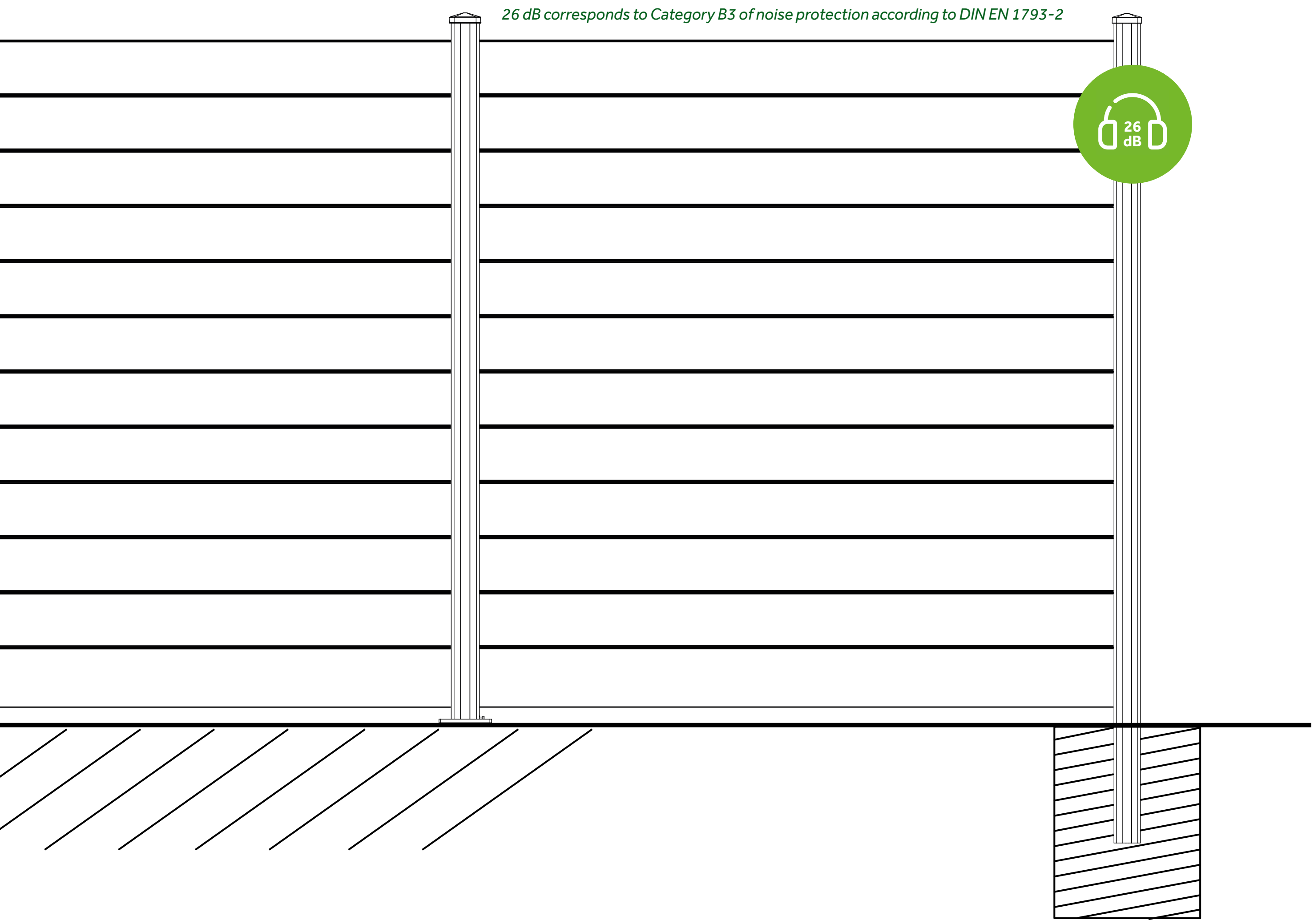
Natur in Form

Status 08/2025



Installation Instructions Flexible

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Contents

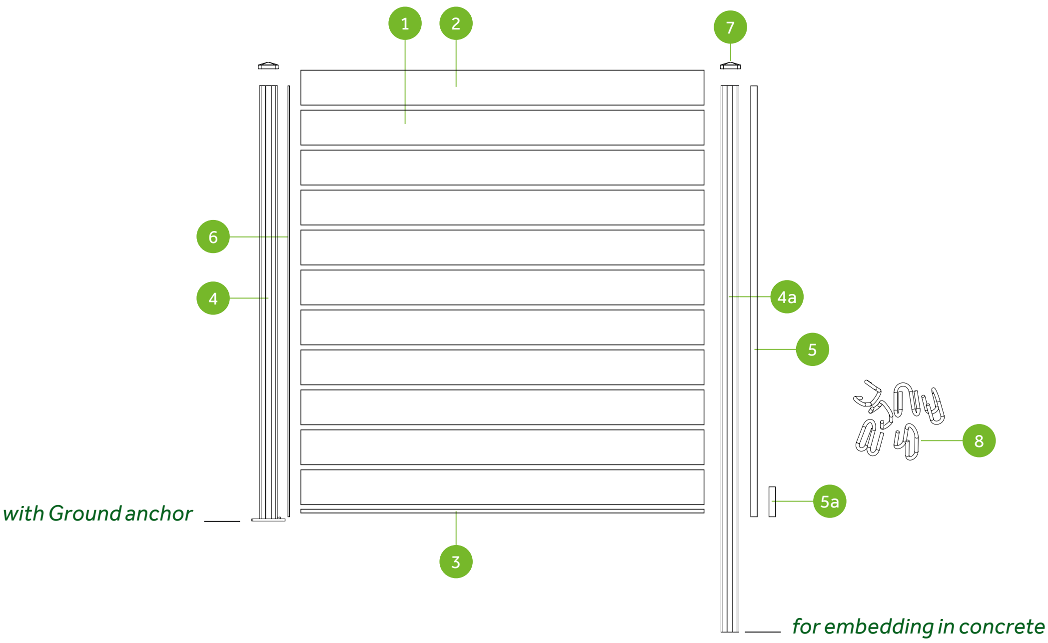
Any previous instructions and commitments become obsolete with the publication of these Installation Instructions.

Any information in these Instructions is state-of-the-art and is based on thorough investigations and wide experience. Legal obligations and claims for indemnification, however, may not be derived or exercised. Subject to change without notice.

These Installation Instructions were carefully compiled for you. However, no liability will be assumed for any potential mistakes. The print colours may vary. Furthermore, please note our current regulations and detailed Terms and Conditions available on our website.

You will find the most current version of the Installation Instructions online at www.naturinform.com.

System and Components



Area set, ca. 180 × 175 cm

1	Fence slat profile	175 × 15 × 2,4 cm	11 Pcs
2	Top slat profile without tongue (for the top of the fence)	175 × 15 × 2,4 cm	1 Pcs
3	Substructure rail	175 × 0,5 × 2 cm	1 Pcs

Post set for bolting onto foundation block with ground anchor

4	Aluminium post for attaching to ground anchor	8 × 8 × 195 cm	1 Stk.
5	Cover strip long	194 cm	2 Stk.
5a	Cover strip short	15 cm	1 Stk.
6	Sealing tube	D4 / 195 cm	4 Stk.
7	Cover cap	9 × 9 × 3 cm	1 Stk.
8	Brackets for cover cap (including 2 brackets as spares)	–	6 Stk.

Tools required to mount the post set:
Spirit level, saw for cutting the cover profiles to length, Allen key for M5

Post set for embedding in concrete

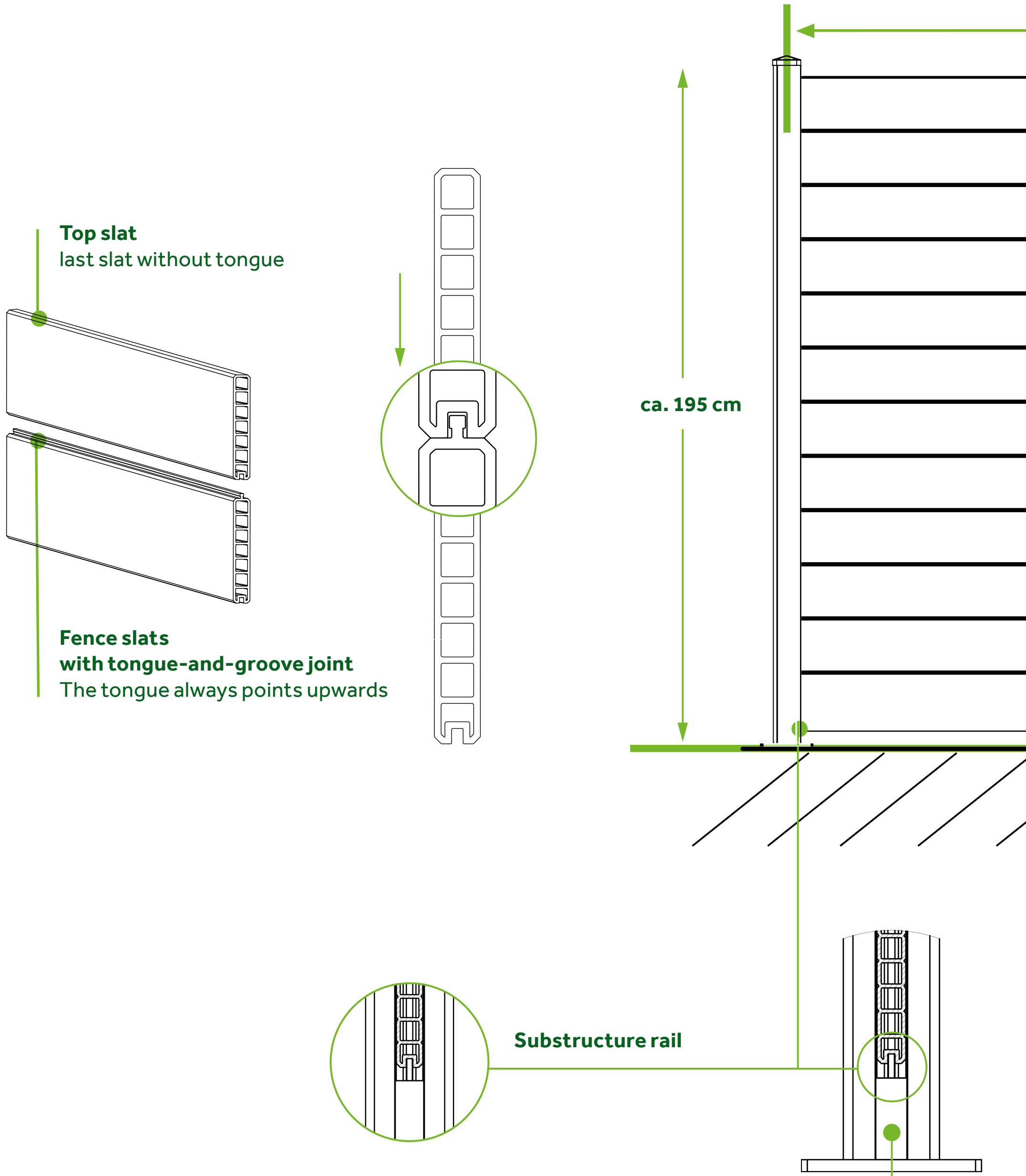
4a	Aluminium post for embedding into concrete	8 × 8 × 245 cm	1 Stk.
5	Cover strip long	194 cm	2 Stk.
5a	Cover strip short	15 cm	1 Stk.
6	Sealing tube	D4 / 195 cm	4 Stk.
7	Cover cap	9 × 9 × 3 cm	1 Stk.
8	Brackets for cover cap (including 2 brackets as spares)	–	6 Stk.

Tools required for embedding the post set in concrete:
Spirit level, saw for cutting the cover profiles to length, Allen key for M5

Planning overview

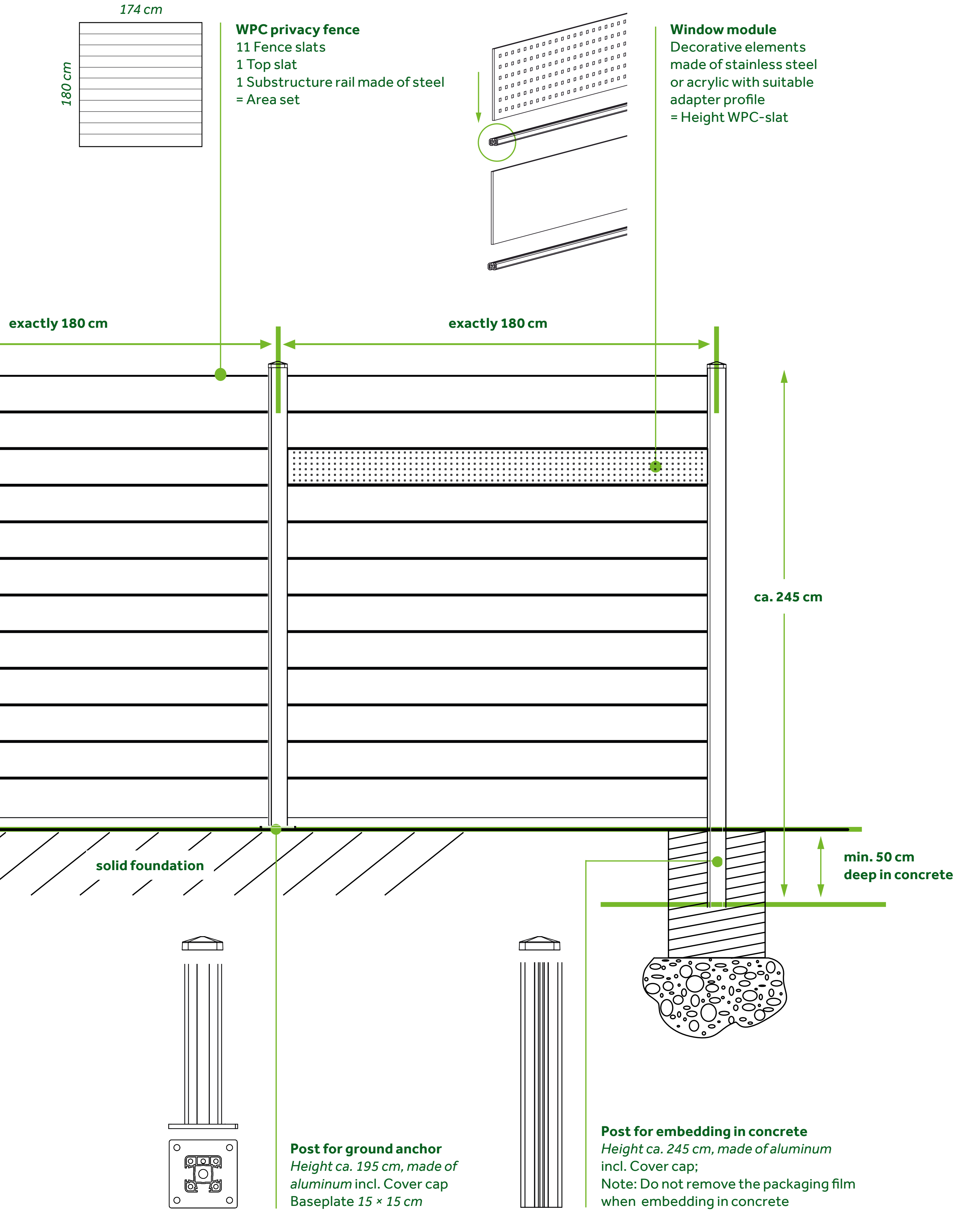
Distances

The bottom of the fence panel (the substructure rail) should not touch the ground. The optimum gap is at least 50 mm. Mount the posts at a distance of 178 cm (middle of one post to the middle of the next post). Insert the slats loosely between the posts. The material must not be wedged in under pressure or strain.



Cover Strip short
Cut a piece of cover strip short to the length of the desired gap between the bottom of the fence and the ground (between 2 cm and 8 cm). Slide the piece from the top of the groove in the post to the bottom

Discover assembly videos on **YouTube channel**


174 cm
180 cm
WPC privacy fence
11 Fence slats
1 Top slat
1 Substructure rail made of steel
= Area set
Window module
Decorative elements
made of stainless steel
or acrylic with suitable
adapter profile
= Height WPC-slat
exactly 180 cm
exactly 180 cm
ca. 245 cm
solid foundation
min. 50 cm
deep in concrete
Post for ground anchor
Height ca. 195 cm, made of
aluminum incl. Cover cap
Baseplate *15 × 15 cm*
Post for embedding in concrete
Height ca. 245 cm, made of aluminum
incl. Cover cap;
Note: Do not remove the packaging film
when embedding in concrete

Step by step instructions

1a. Posts with ground anchor
The distance between the posts should be 180 cm (from post center to post center). Attach the ground anchor to the foundation using suitable bolts or screws (not included with the panel set). The drilling template (p. 14) can be used as a guide when drilling the holes. If necessary align the posts vertically by placing stainless steel washers under the post as spacers.

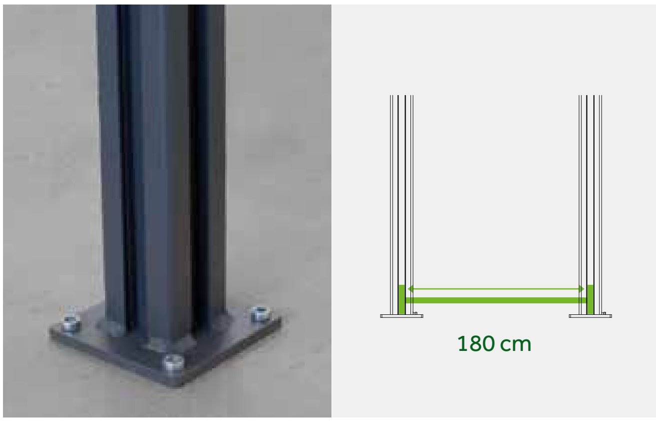


Fig. 1a

1b. Embed posts in concrete
Alternatively, the posts may be anchored by direct embedding into concrete to a depth of at least 50 cm (note sufficient hardening times). We recommend leaving the packaging film on the post if you are going to set it in concrete.

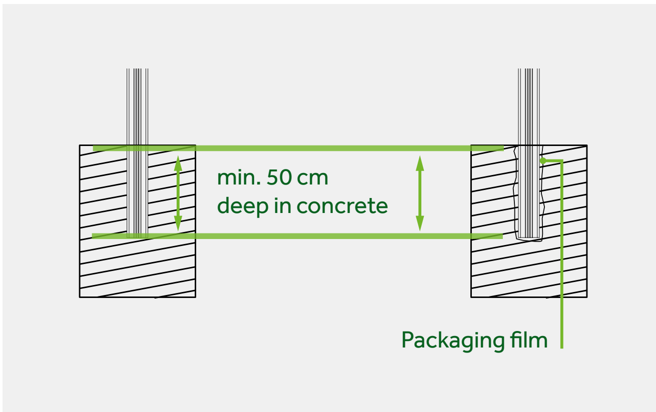


Fig. 1b

2. Use cover strip short
Use a piece of cover strip short to set the height of the bottom of the fence panel. Cut a piece of cover strip with the desired gap to the ground. You can leave a gap to the ground from 2 to 8 cm.

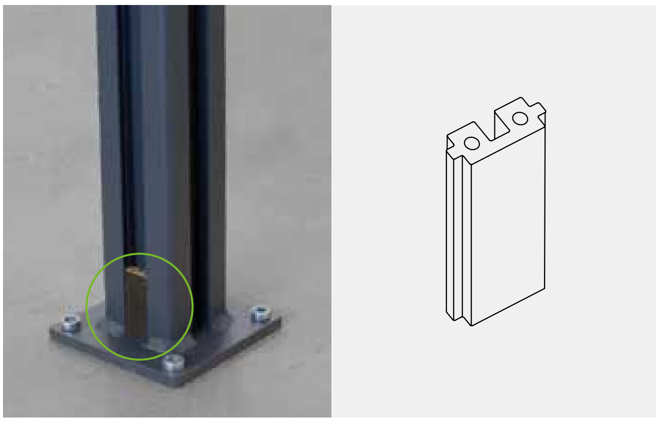


Fig. 2

3. Insert the substructure rail
Lay the galvanized steel substructure rail vertically onto the cover profile - this minimizes longterm bending of the fence panel.

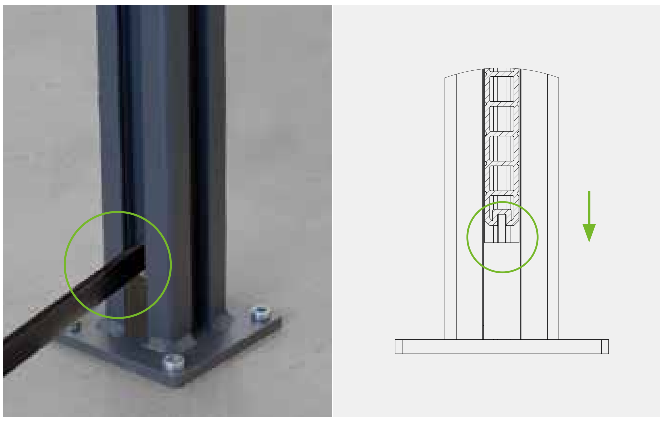


Fig. 3

4. Insert Sealing tube
The Sealing tube needs to be inserted in the small dovetail grooves in the panels, beginning from the bottom. There are 4 small grooves cut in each post. The sealing profile provides additional sound insulation.

Lay the first fence slat on the substructure rail. Make sure that the substructure rail is inserted into the fence slat's lower groove.

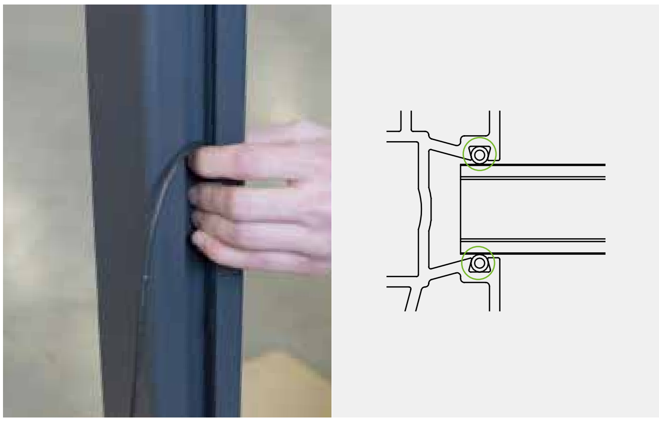


Fig. 4

5. Insert fence slats
Insert all the remaining fence slats, so that the tongue at the top of the slat fits into the groove of the slat above it. Finish the fence panel with the top slat which has no tongue.

Important: As the slats must be able to ‚move' naturally, you must leave a gap of at least 2.5 cm from the top edge of the top slat to the post.

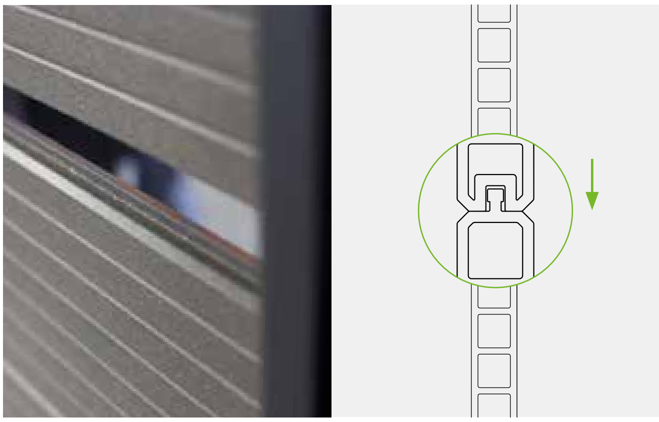


Fig. 5

Note: Assembly images show the old profile surface of the slat.

Step by step instructions

6. Attach brackets for cover caps
Four small wire bracket at the end of the construction needs to be attached across the wall width of the post with the curved contour towards the outside). Attach them so that they face each other.

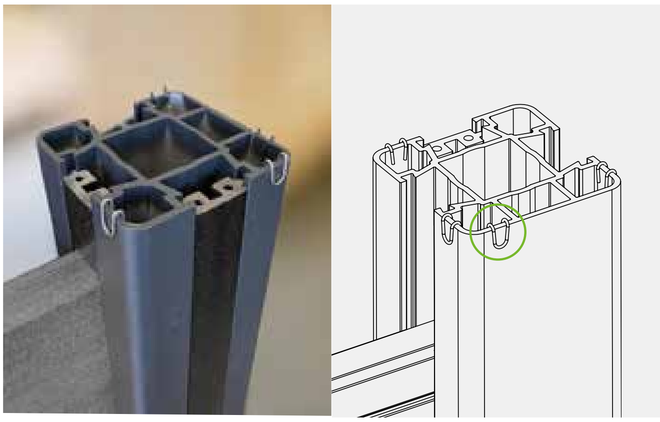


Fig. 6

7. Attach cover caps
Now hammer on the cover cap using a rubber hammer, so that it is fixed. The grooves will ensure that the cap fits tightly onto the post.

Important: In order to avoid panel distortion, the correct distance between the posts must be maintained, so that the fence slats may expand and contract with changes in temperature.

Fig. 7

Note: Assembly images show the old profile surface of the slat.

Window modules

Decorative elements made of acrylic and stainless steel

To insert an acrylic or stainless steel window module, simply replace a slat with a window module and a suitable adapter profile.
s. Fig. 1

Fig. 1

Here's how it works:

First, the adapter profile is inserted onto the tongue of the fence slat, followed by the window module. s. Fig. 2

The groove of the next slat is then inserted directly onto the window module. s. Fig. 3

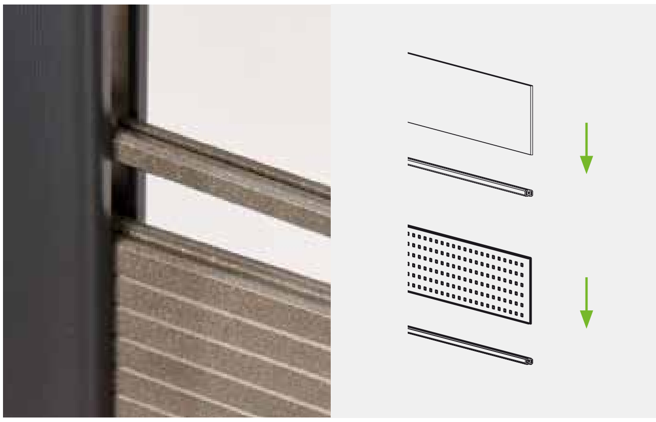


Fig. 2

Fig. 3

Note: Assembly images show the old profile surface of the slat.

Worth knowing

Safe assembly
It is important to design and install the privacy fence in accordance with local and national building regulations so that it will withstand the local windloads. When in doubt, an expert contractor or structural engineer should be consulted. The respnsibility for the safe performance of the fence lies with the installer.

Cleaning and care
If you cannot remove stains mechanically using a brush and water, we recommend using our specially developed NaturinForm WPC cleaning agent that you can purchase from your expert dealer.

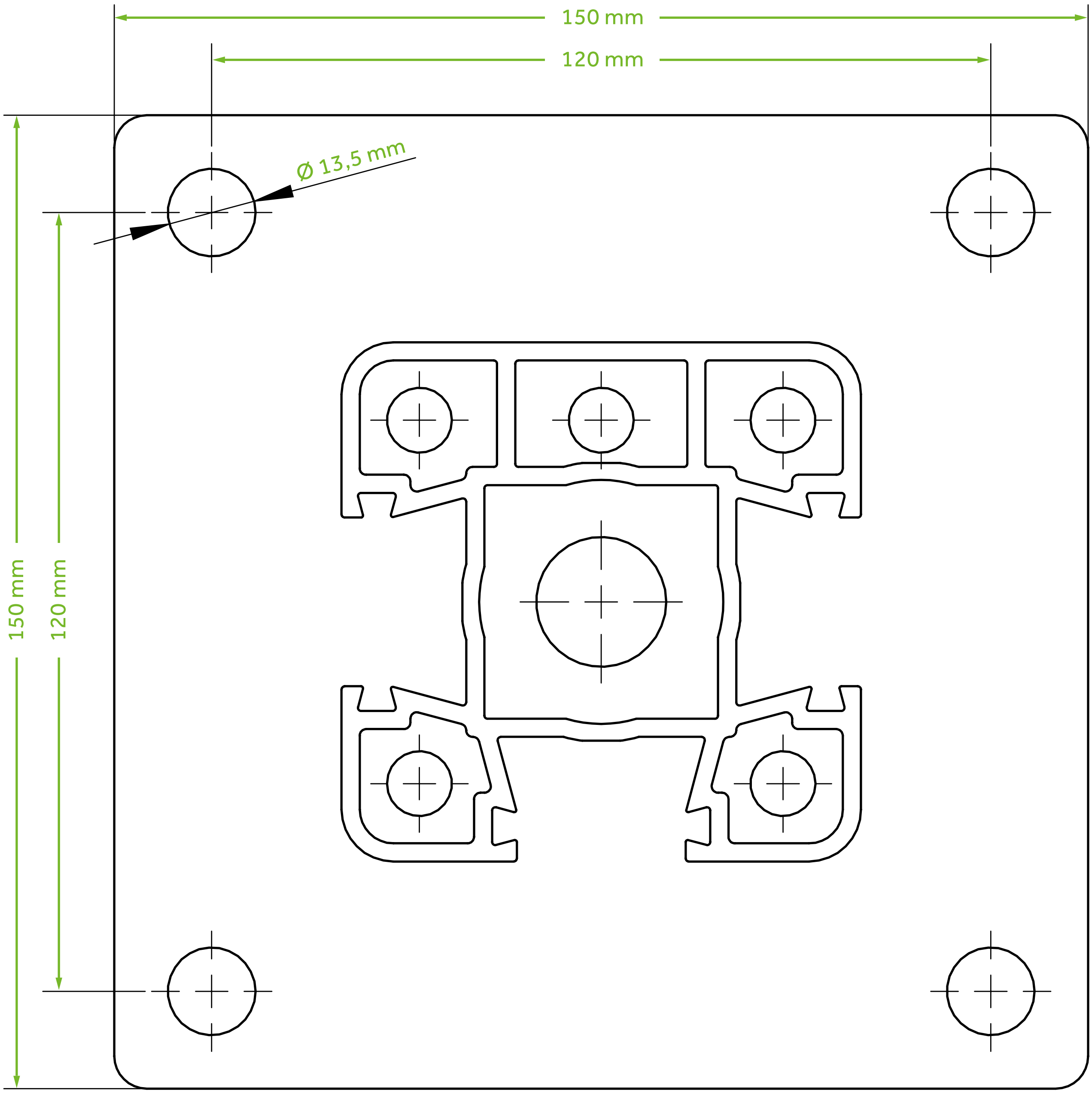
Colour variations
When mixing wooden fibres and colours there is a reaction between the wood and the colour. The wooden fibres sometimes absorb the colour differently, which can lead to colour variations in the final product. It is not possible to avoid this when producing composite materials. As times goes by and the fence naturally weathers, the variations will moderate.

Curvature in privacy and noise protection fences
All of NaturinForm's privacy and noise reduction fence profiles (Effective, Flexible, and the universal fencing slats) are made in Germany from premium WPC with up to 70% wood fibres and in accordance with EN 15534-6.
Compared to traditional wood fencing, they are extremely low maintenance, retaining a good colour and will not rot over time. However the constant interaction of sun, rain and temperature changes, as well as the location and how they are installed may lead to a natural weathering of the surface colour and a slight warping of the panels. These colour and form changes are not defects, and do not affect the performance of the product.

Wind loads
Tested and withstood wind loads according to DIN EN 1794-1 :2011 with regard to the wind loads to be absorbed.

Noise protection
Only *Flexible* posts can guarantee 26 dB tested noise protection (R=26 dB corresponds to category B3 for airborne soand reduction according to DIN EN 1793-2) with the privacy and noise protection fence Flexible.

Drilling template



Scale 1:1

Cut here.

Assembly aid
When printing, please make sure that the scale is set to 100% in your printer settings.
The drilling template can be found at: naturinform.com/downloads

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