

Thank you very much that you have chosen the **hanit**<sup>®</sup> View Protection Wall (VPW).

In the following description you find important hints which shall be implicitly taken into consideration when mounting the wall.

We have to highlight that the warranty and liability terms expire in disregard of the installation recommendations.

General advices:

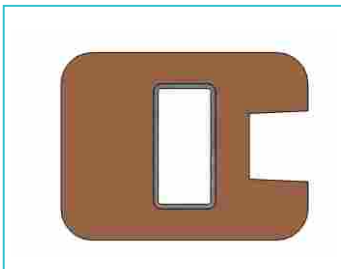
- The **hanit**<sup>®</sup> View Protection Wall does not comprise a building-authority approval.
- All profiles can be processed with standard tools. Additional information can be found under „handling Recommendations“ at [www.hahnkunststoffe.de](http://www.hahnkunststoffe.de)
- All information covered by this recommendation, above all the data in regard to distances, are based on the assumption that the installation will take place at around 20°C.
- This document can at any time and without further announcement be replaced according to technical variations and / or latest technical insights.
- All modules are made from recycled plastic. Variations in colour and structure of the surface are possible and no reason for complaints. Deviations in dimensions based on the material properties are possible, too, (+/-3 %).
- Profiles made from recycled plastic expand when warming up and shrink when cooling down. At high temperatures this can lead to bending of the profiles, what cannot be avoided and is also no reason for complaints about the material and products.

## Systemdescription

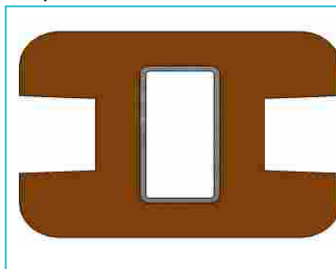
The VPW is of modular design. Tongue & groove boards are inserted and partially fixed to the carrying posts, which are available as end, corner and field posts. The lowest row of tongue & groove boards is fixed in addition with a middle support. The posts and the middle support are available in brown colour, the tongue & groove boards in grey, brown and green. The system is designed for a max. construction height of 195 cm.

## Parts

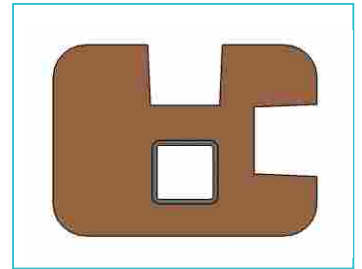
Endpost - WxHxL: 16x12x250 cm



Fieldpost - WxHxL: 16x12x250 cm



Cornerpost - WxHxL: 16x12x250 cm



Middle support - ØxL: 10x50 cm



Covering cap - WxHxL: 14x18x2,5 cm



Tongue & groove profiles - WxH: 3,8x13,0 cm



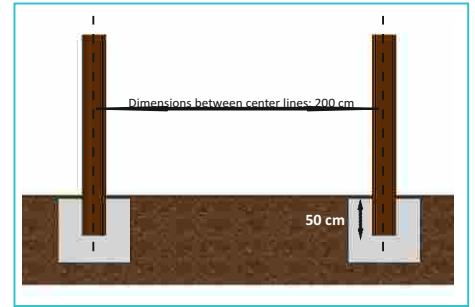
## Step 1

The VPW-posts are installed with a maximum middle span of 200 cm.

Embedment depth into a frost-resisting concrete foundation (WxL: 50x50 cm) shall be 50 cm minimum. Concrete class: C 16/20

The allowed ground pressure in the area of the foundation shall be 150 kN/m<sup>2</sup>. This has to be checked before installation.

Please also see the static calculation on [www.hahnkunststoffe.de](http://www.hahnkunststoffe.de)



## Step 2

The middle support must be driven into ground centered between the posts. It supports the stability of the tongue & groove boards.

The groove of the middle support must fall in line with the grooves of the VPW posts and the upper edges of the support and the foundation must be in line, too.

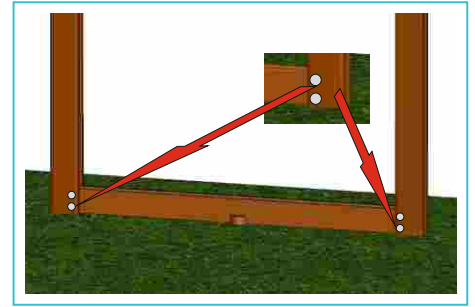
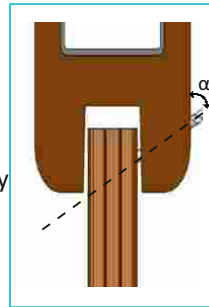
Please take care that there are no hollows under the first row of profiles.



## Step 3

Afterwards the first profile is inserted with the tongue at the top, centered between the posts and horizontally adjusted.

The lowest row of profiles is fixed with 2 screws at one side of both posts. Therefor use the screws which are part of the scope of delivery (Torx, 6x70 mm). To fix the profiles properly, the screws must be drilled in transversely through the posts. Please pre-drill with a 4mm twist drill.

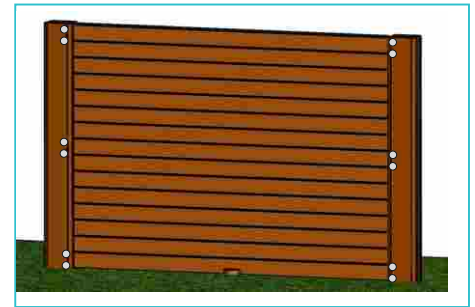
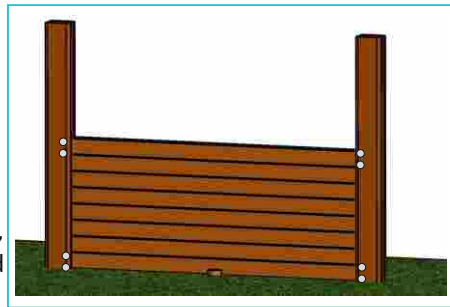


## Step 4

Now the tongue & groove boards are inserted up to the middle row.

The center profile is placed in the mid and fixed as described in step 3.

Afterwards the remaining profiles are inserted, too. The upper row is again fixed like described before.



## Step 5

Finally the covering caps are placed on top of the posts and fixed by screws.

Therefor use the screws which are part of the delivery scope (Torx, 4x25 cm).

