PlanSign / Technical Manual

Mounting Profile

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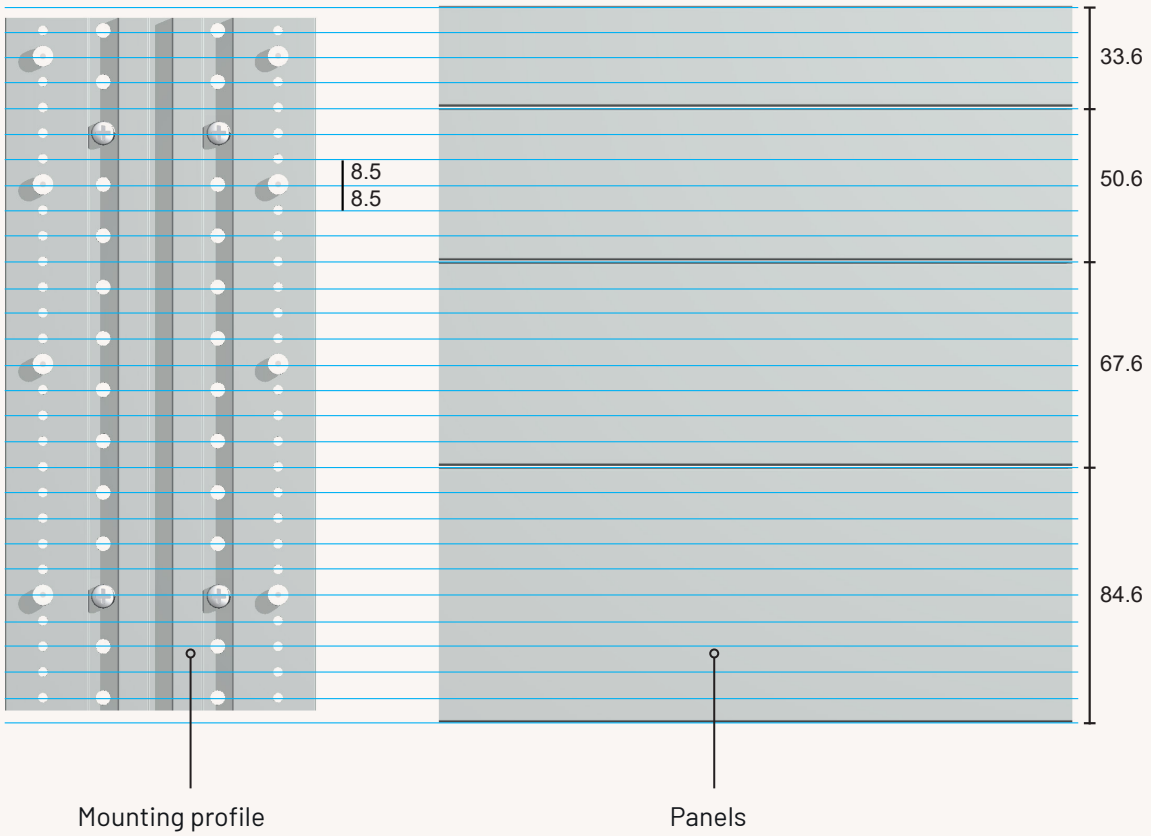
PlanSign

The PlanSign sign system is based on a module size of 17 mm.

When signs are mounted, they are attached to an aluminum profile. This mounting profile is punched with two rows of Ø 5 mm holes for wall mounting, as well as two rows of Ø 3 mm holes for attaching rivet rods, onto which the signs are then fixed.

Hole spacing = 8.5 mm = 1/2 module



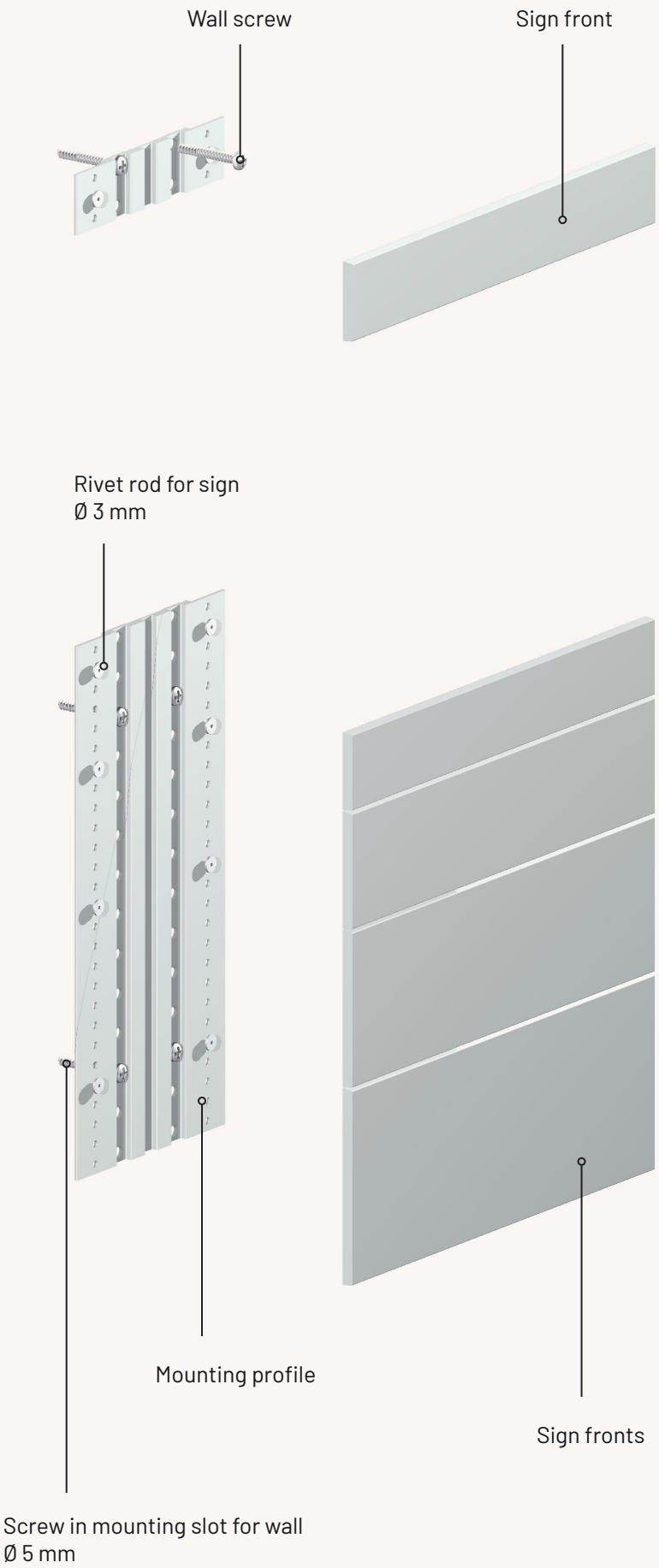
Wall-Mounted Signs 120 / 150 / 210 / 297 mm

Mounting profiles for individual signs or groups of signs are mounted directly on the wall.

The height of the mounting profile is calculated as follows:
Total height of sign panels in mm = total height minus at least 8 mm.

The mounting profile is attached to the wall using screws through the Ø 5 mm mounting holes.

Rivet rods are mounted on the profile along the horizontal centerline of each sign using the two outermost Ø 3 mm hole rows.



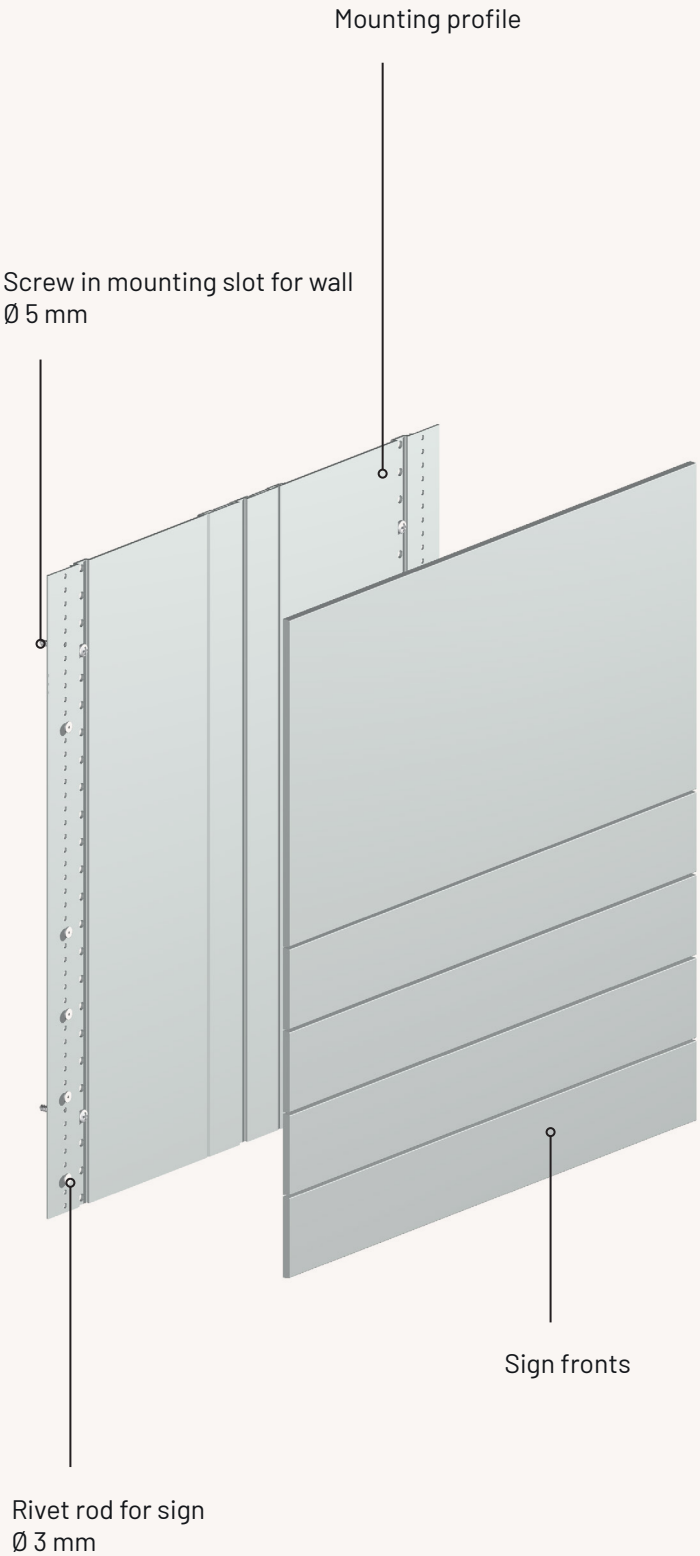
Wall-Mounted Signs 420 / 600 / 900 mm

Larger mounting profiles are used for longer signs.

Mounting profile height is calculated as follows:
Total height of sign panels in mm = total height minus at least 8 mm.

The mounting profile is attached to the wall using screws through the Ø 5 mm mounting holes.

Rivet rods are mounted along the horizontal centerline of each sign in the two outermost Ø 3 mm hole rows.



Projecting Signs 150 / 210 mm

Projecting signs are mounted on a base consisting of two mounting profiles riveted together back to back, along with a wing profile.

Wing profiles are available in standard heights from DanSign:
- 154 mm for panel 210 x 204 mm
- 103 mm for panel 150 x 153 mm

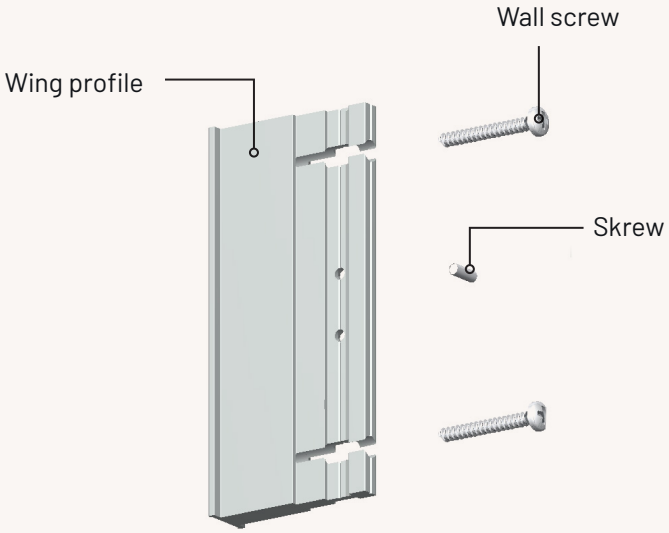
The mounting profile is cut to the same height as the wing profile.

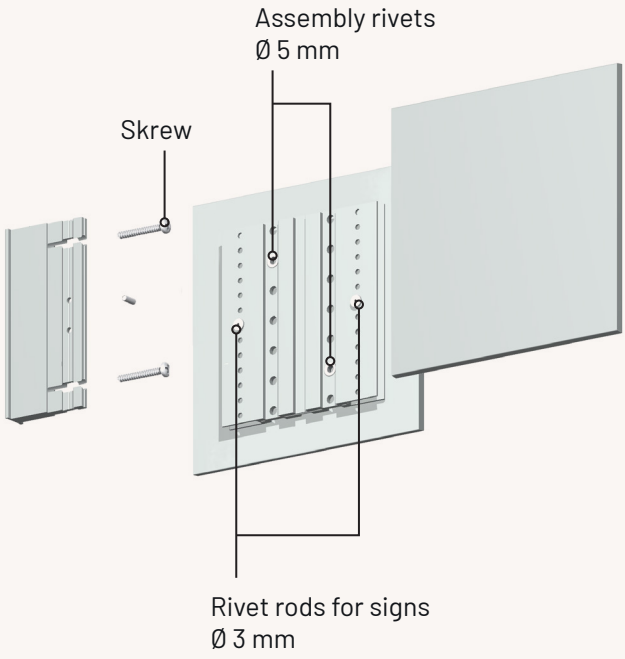
Rivet rods are mounted in the outermost hole row aligned with the center of each sign.

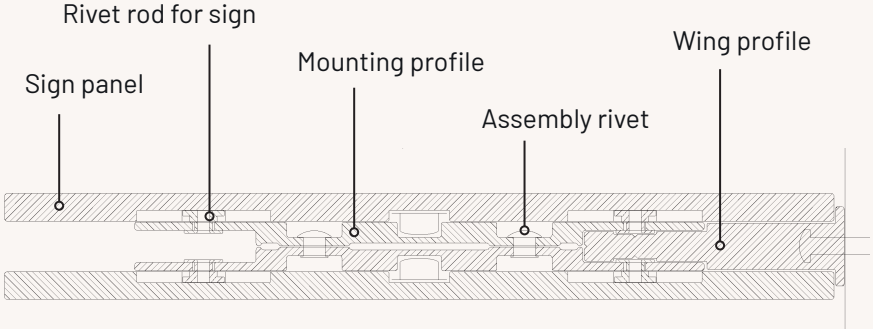
The wing profile is screwed to the wall.

The riveted mounting profiles are slid into the wing profile from the side; top and bottom edges must align. A screw is inserted through the mounting profiles and into one of the corresponding holes in the wing profile, fixing the profiles in height.

Sign panels are mounted last.







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Suspended Signs 420 / 600 / 900 mm

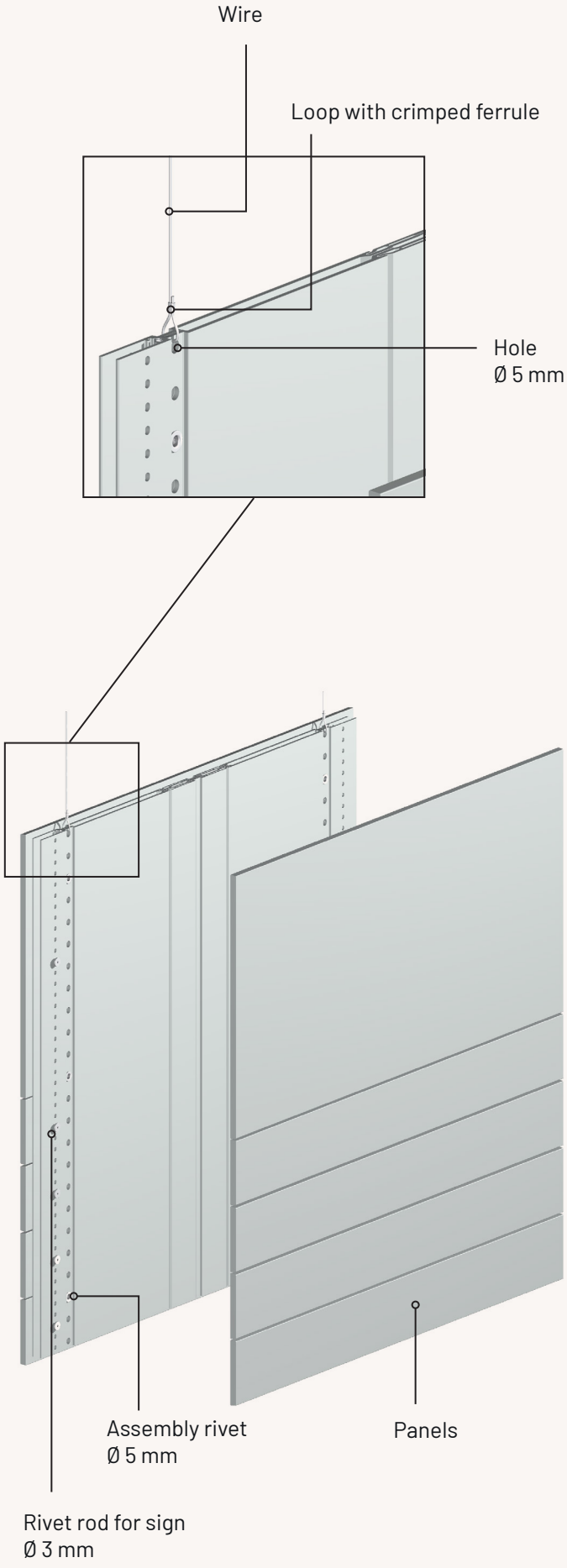
Suspended signs are mounted on a base of two identical-height mounting profiles.

The mounting profiles are riveted together back to back.

Rivet rods are mounted in the outermost hole row aligned with the center of each sign.

Signs are suspended from two wires (approx. Ø 1.0 mm). Optional pendant tubes may be mounted on the wires.

The wire is threaded through both Ø 5 mm holes in the top row and formed into a loop with a crimped ferrule.



Pylon
420 mm

Freestanding pylons are mounted using special column profiles fixed to a base plate.

The pylon is attached to a rectangular 10 mm base plate.

Attachment is done through the column profiles' fixing holes.

The base plate is pre-drilled with Ø 7 mm holes and 13 mm countersinking for floor anchoring.

Rivet rods are mounted in the outermost hole row aligned with the center of each sign.

Base plate format: 420 x 215 mm with mounting screw holes.

The pylon can be cast into the ground using extended column profiles.

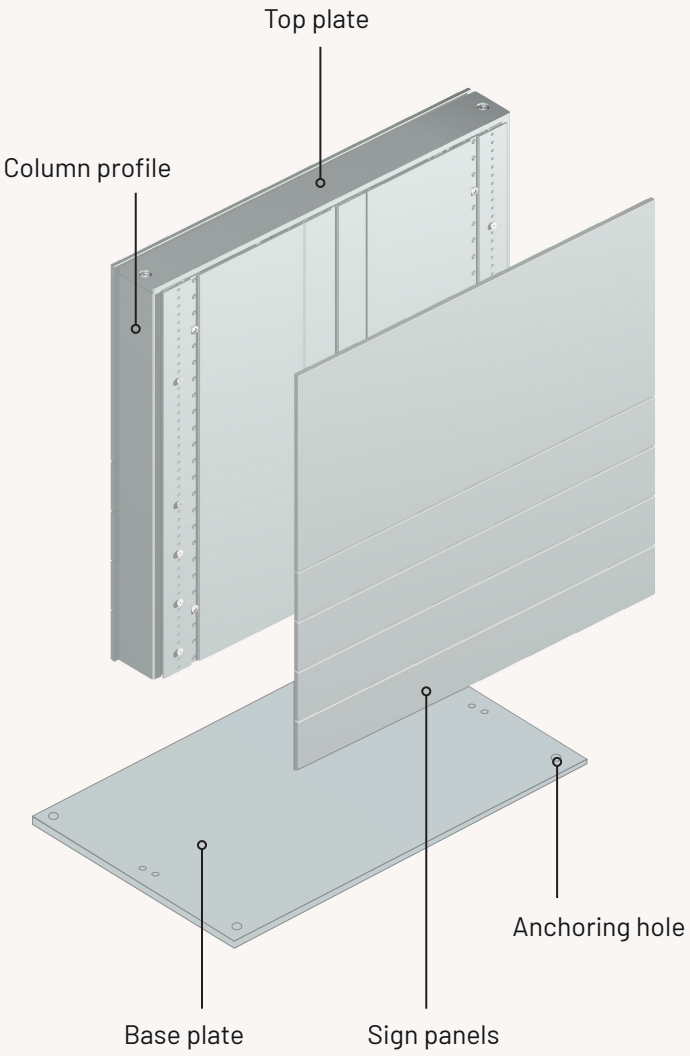
Assembly sequence:

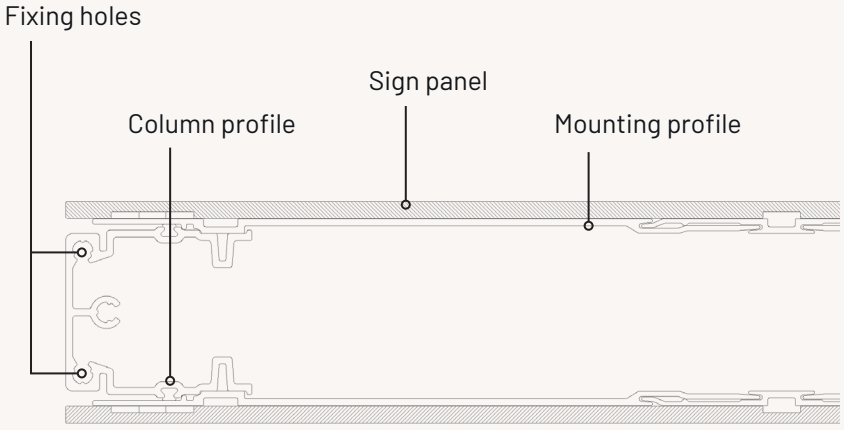
Column profiles are first mounted to the base plate.

Mounting profiles are then screwed to the vertical slot in the columns using self-tapping screws.

Finally, the top plate is screwed to the column profiles.

Sign panels can now be installed.





Pylon
600/900 mm

Freestanding pylons are mounted using special column profiles fixed to a base plate.

The pylon is attached to a rectangular 10 mm base plate via the column profiles' fixing holes.

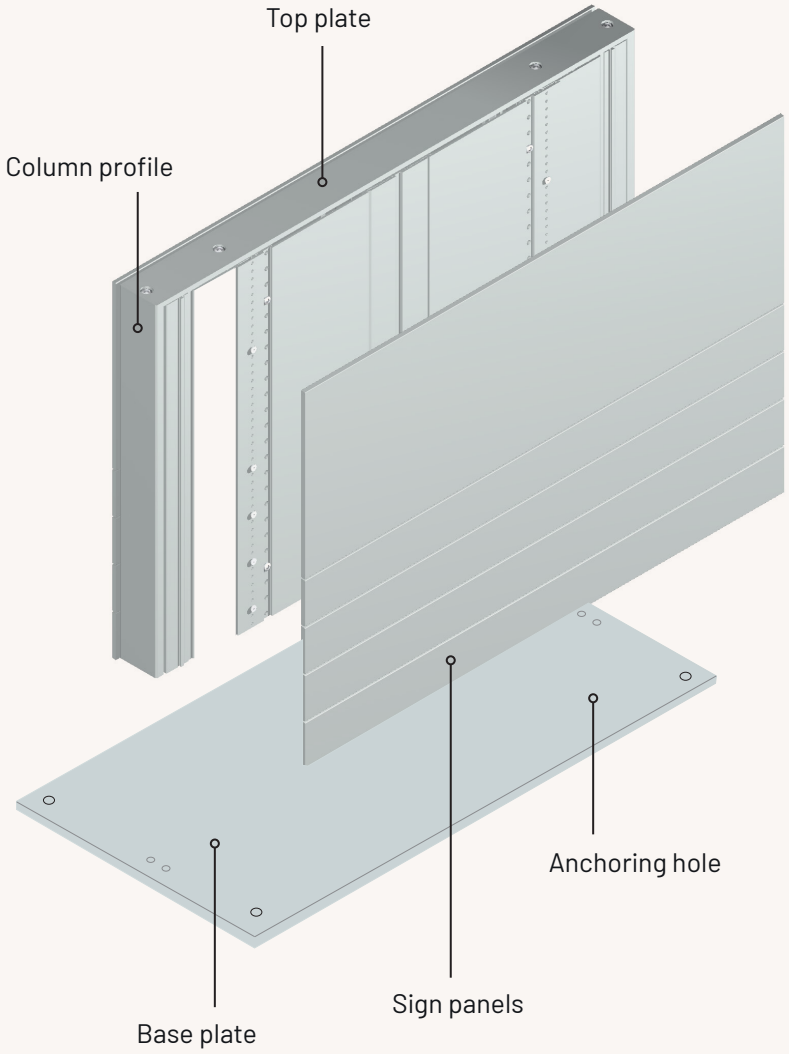
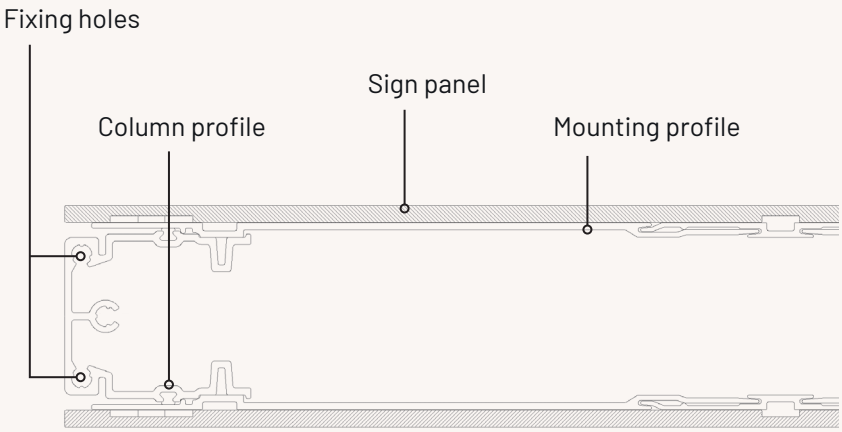
The base plate is pre-drilled with Ø 7 mm holes and 13 mm countersinking for floor anchoring.

Rivet rods are mounted in the outermost hole row aligned with the center of each sign.

Base plate format: 600 / 900 x 310 mm with mounting holes.

Assembly sequence:

Column profiles are first mounted to the steel plate.

The top plate is then screwed onto the column profiles.

Sign panels can now be installed.