CurveSign / Technical Manual

Mounting Profile

dansign

CurveSign

The CurveSign signage system is designed based on a vertical module of 17 mm.

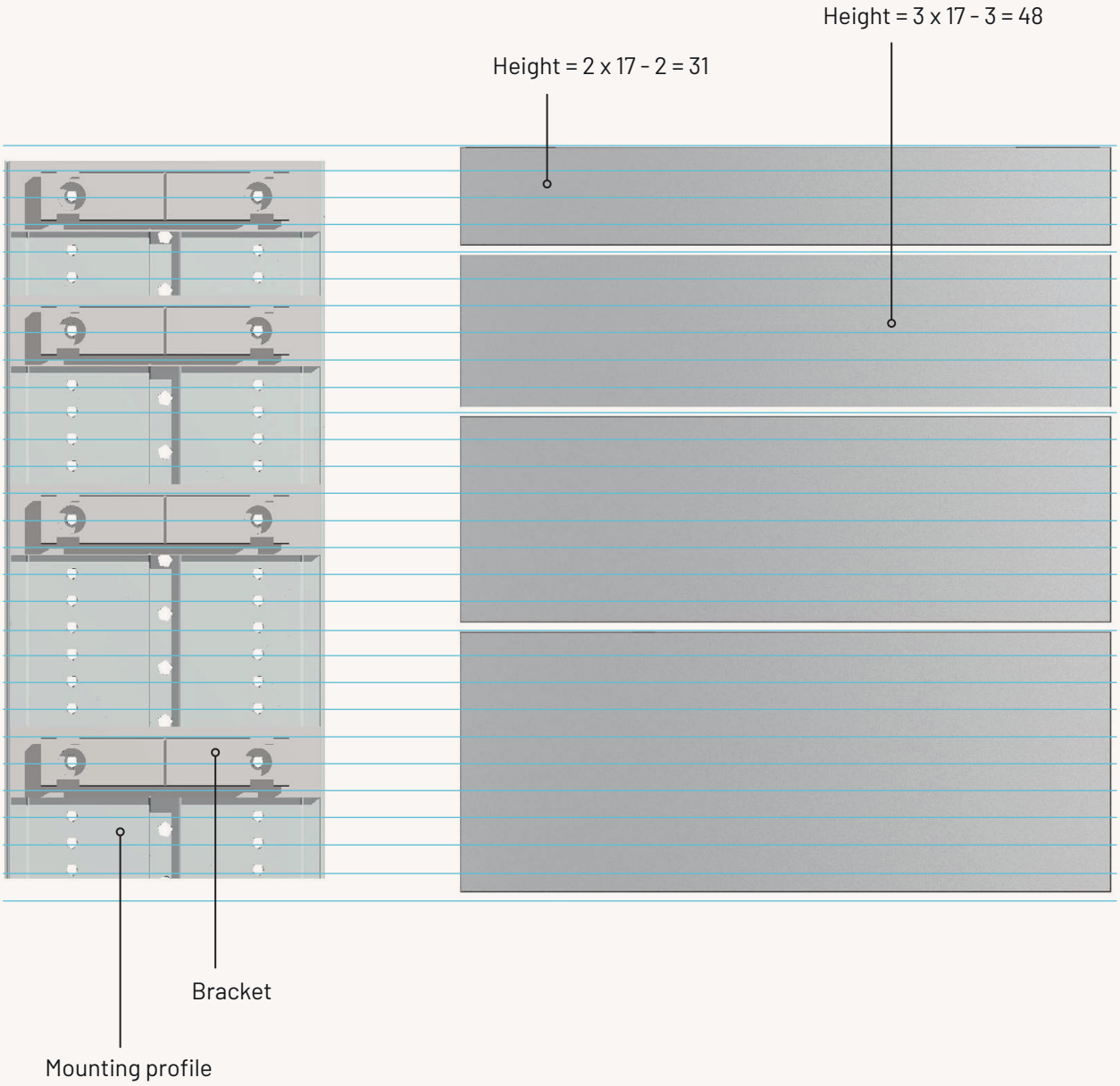
The vertical distance between two signs is 3 mm.

For each of the signs, the following applies:
Height = module height - 3 mm

When signs are mounted in a group, they are installed on an aluminum profile.

In this mounting profile, two columns of holes are punched for fixing the brackets behind each sign.

Hole spacing = 8.5 mm = 1/2 module



Wall-Mounted Signs 120 / 150 / 210 / 390 / 600 mm

Brackets for individual signs are mounted directly onto the wall using screws.

Brackets for a group of signs are mounted onto a mounting profile.

To determine the height of the mounting profile:

Total number of sign heights = mm

Number of gaps × 3 mm = mm

Total height MINUS 10 mm

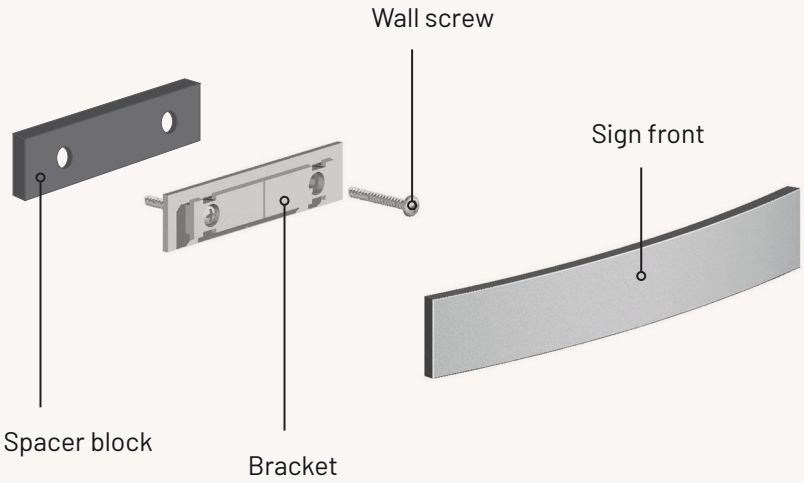
The upper edge of the mounting profile's holes may be cut ±1 mm.

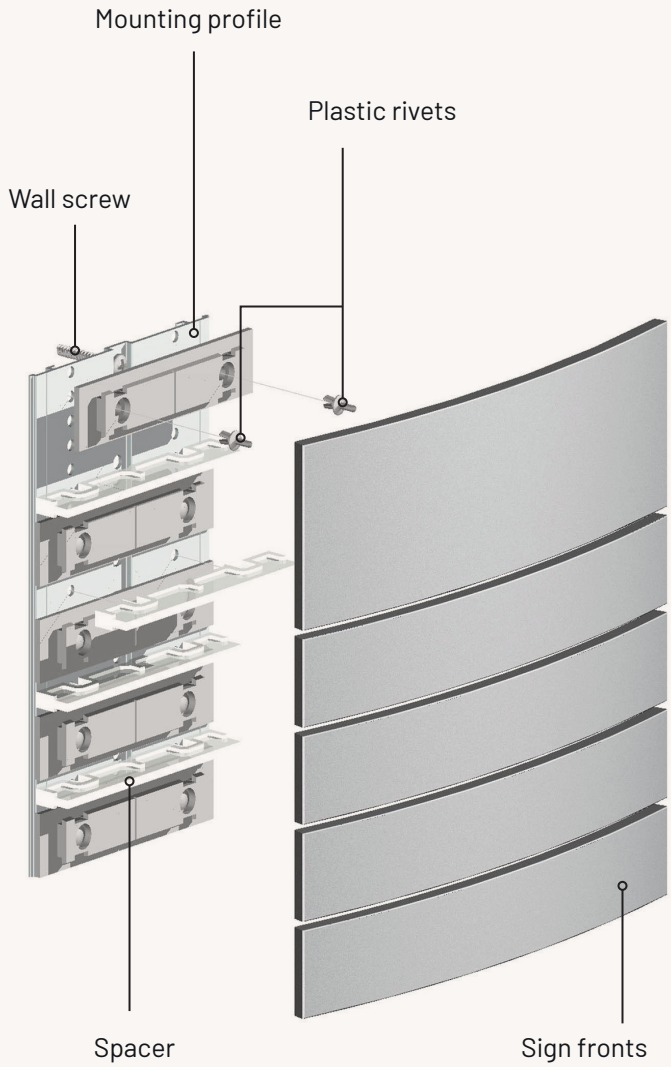
The mounting profile is fixed to the wall with screws along the profile's centerline.

Brackets are mounted with screws or set screws, which are pressed through the bracket holes into the mounting profile using special tools.

Spacers are pressed into the mounting profile at the gaps between the signs.

Screws are not supplied by Dansign.





Wall Signs
390 / 600 mm

For wide signs, wall profiles are used together with the mounting profile to provide a stable base for the signs.

The wall profiles and the mounting profile are joined by sliding them into engagement with each other.

The mounting profile is attached to the wall with screws along its centerline. The wall profiles are held in place by friction against the wall.

The height of the wall profile is matched to the mounting profile.

To determine the height of the mounting profile:

Total number of sign heights = mm

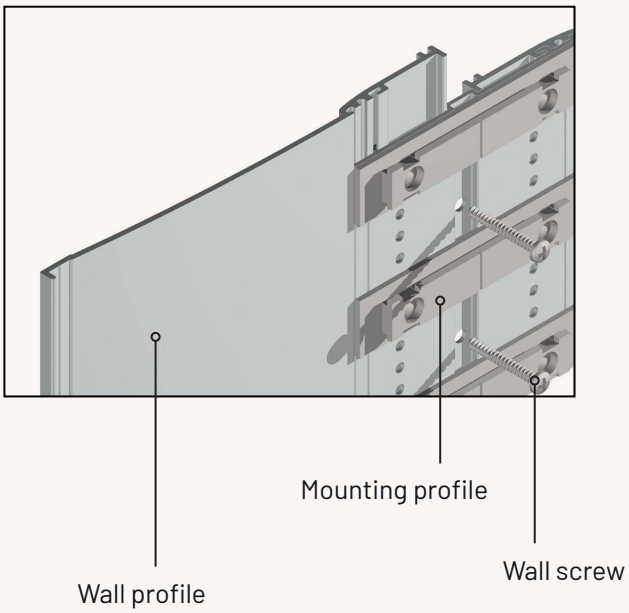
Number of gaps × 3 mm = mm

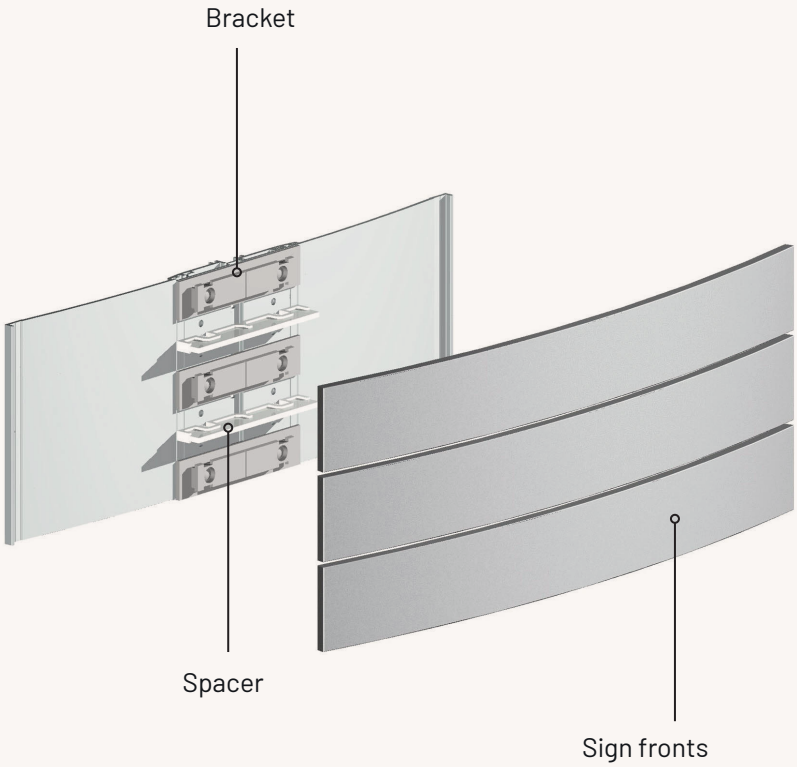
Total height MINUS 10 mm

The upper edge of the mounting profile's holes may be cut ±1 mm.

Brackets are mounted with screws or set screws.

Spacers are pressed into the mounting profile at the gaps between the signs.





Mounting Profile for Projecting Signs 150 / 210 mm

To support projecting signs, a projecting profile of 150 / 210 mm is used.

The height of the projecting profiles should be 10 mm less than the sign height.

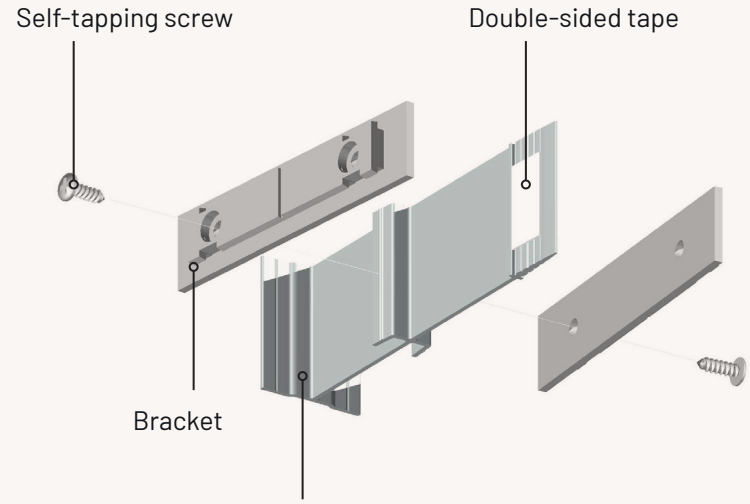
Brackets are mounted using self-tapping screws in the center of the projecting profile's protruding ribs.

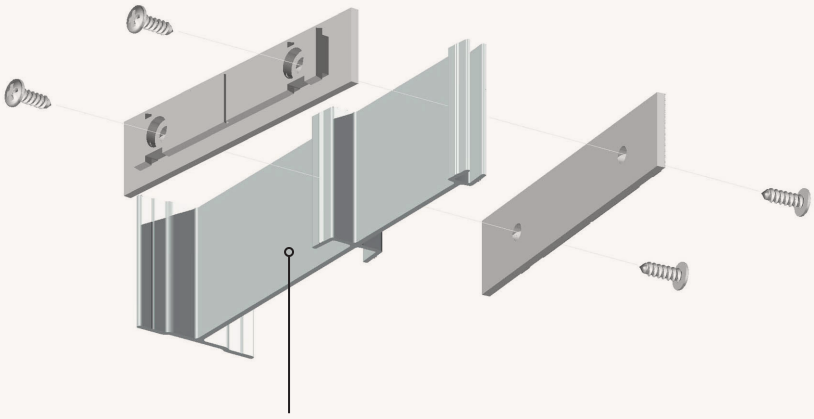
On the 150 mm projecting profile, each bracket is mounted with one screw closest to the wall, and the opposite end is secured with a strip of double-sided tape.

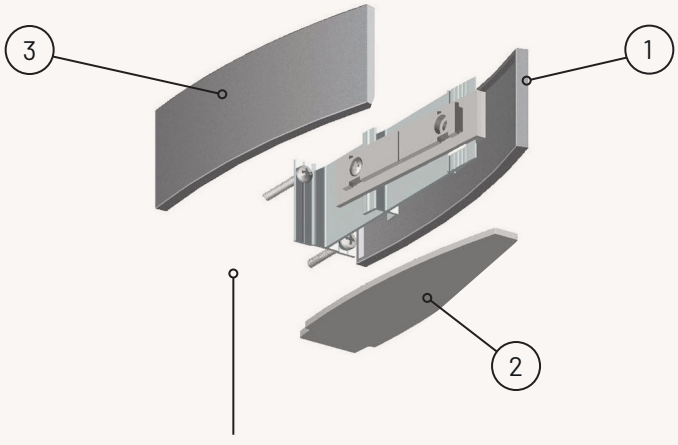
On the 210 mm projecting profile, each bracket is mounted with two screws.

The projecting profiles are mounted to the wall using two screws.

Covers for plastic signs are held in place by resting on the internal edges of the signs.







Suspended Signs 390 / 600 mm

uspended signs are mounted on a base made of two mounting profiles and two suspension profiles. The suspension and mounting profiles have the same height.

The profiles are assembled and locked together using a few self-tapping screws.

To determine the height of the mounting profile:

Total number of sign heights = mm

Number of gaps × 3 mm = mm

Total height MINUS 10 mm

The upper edge of the mounting profile's holes may be cut ±1 mm.

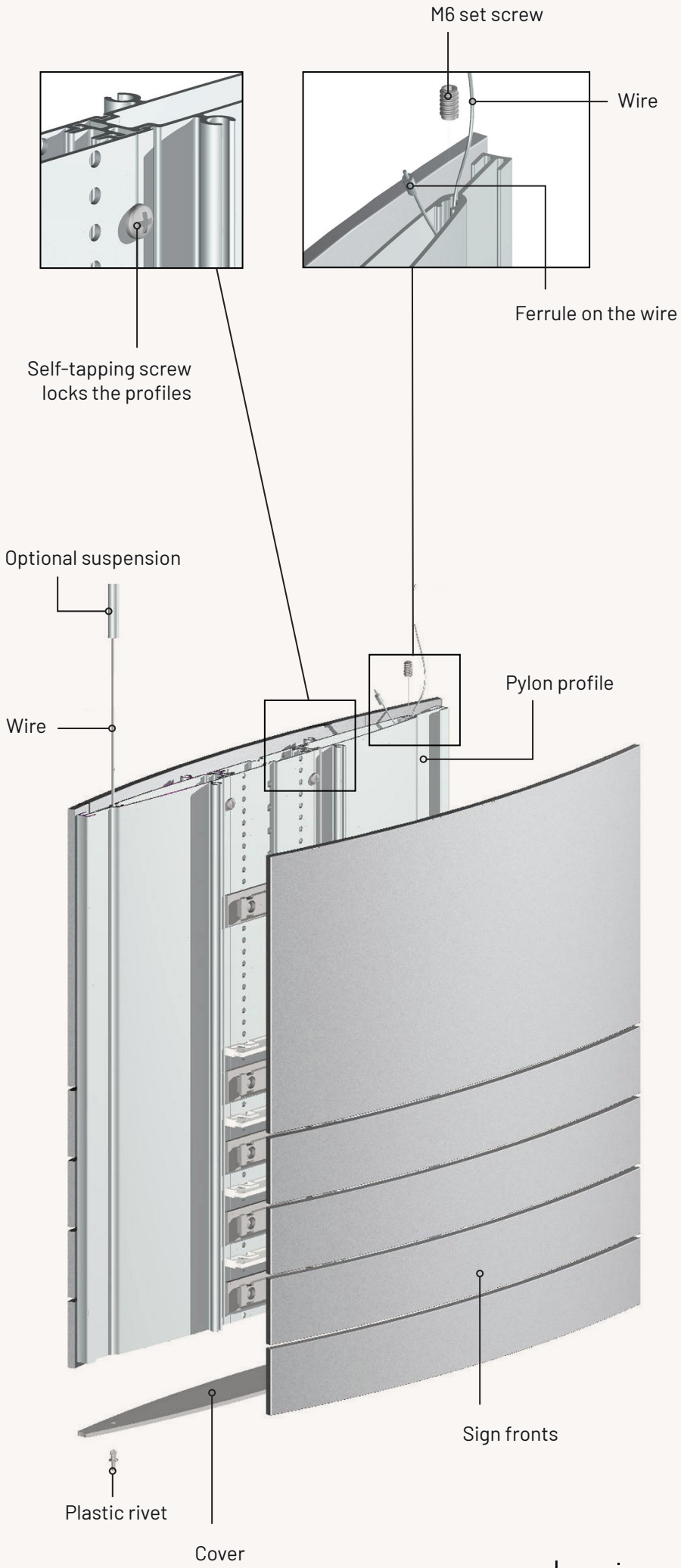
The signs are suspended from two wires (approx. Ø 1.0 mm). Suspension tubes can optionally be added to the wires.

Each wire is terminated with a crimped seal. An M6 thread is tapped into the screw groove. The wire with the seal is inserted as a loop into the innermost groove, and an M6 set screw is tightened into the screw groove next to the wire. The wire is then secured by the set screw, which prevents the seal from passing through. Note that the set screw can also be used to fine-tune the height.

Brackets are mounted with screws or set screws.

Spacers are pressed into the mounting profile at the gaps between the signs.

The bottom cover is secured with set screws.



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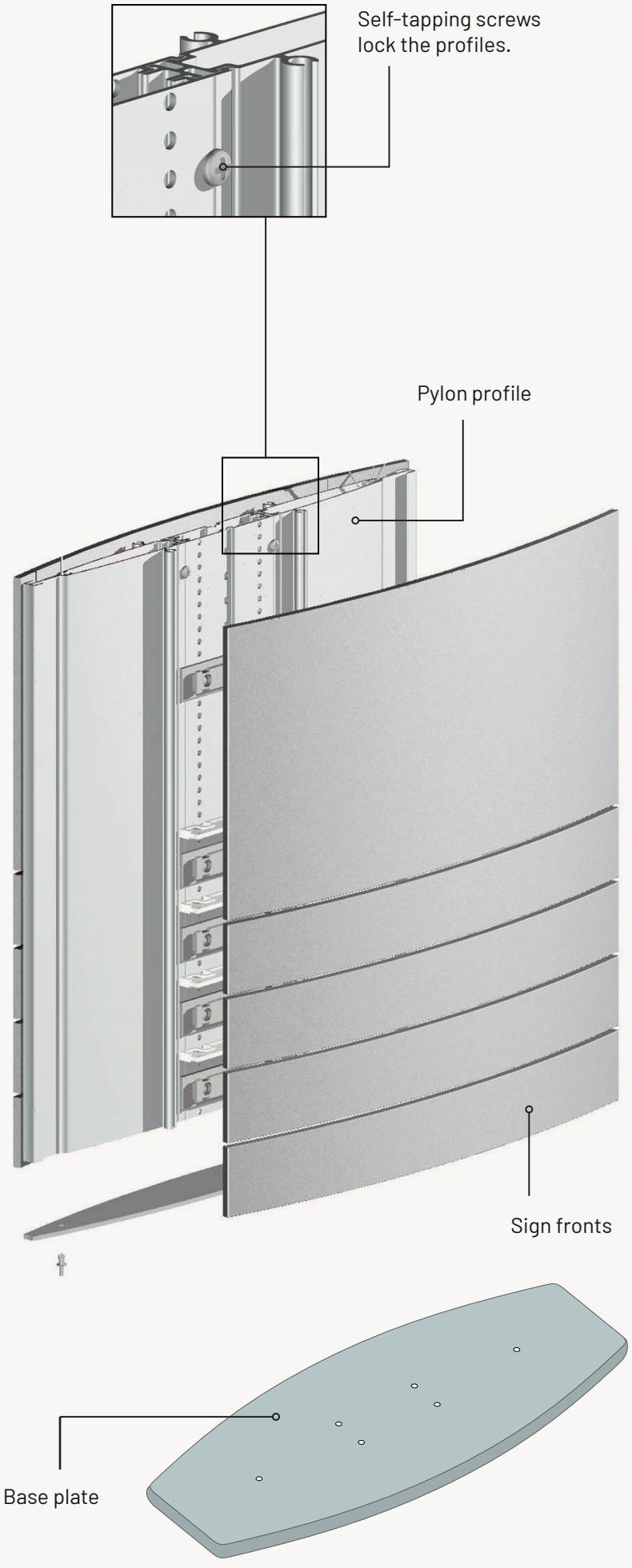
Mounting Profile for Freestanding Pylons 390 / 600 mm

Freestanding pylons are mounted similarly to suspended signs, but without wires at the top and without a bottom cover.

The pylon is fixed to an oval 10 mm steel base plate. Fastening is done via the six mounting holes in the mounting profile.

The oval steel base plate is pre-drilled with six 8 mm Ø holes with 12 mm countersinking.

Base plate dimensions:

For pylon width 390 mm: 215 × 490 mm

For pylon width 600 mm: 310 × 700 mm