



TECHNICAL SYSTEM DESCRIPTION

Aluminum substructure system designed for the installation of flat panels, distinguished by a pronounced façade grid. This visual emphasis is achieved by means of decorative cover profiles, which—depending on the designer's choice—can strongly accentuate either vertical or horizontal lines on the façade. The resulting visual effect is comparable to that of continuous glass façades, from which the system derives its name [Continual]. The installation process is dry, and there are no limitations regarding the choice of façade panel materials.

The installation process begins with surveying and marking the positions of the load-bearing profiles.

- a) Extruded load-bearing profiles are installed on the building according to the designed grid. The maximum recommended profile length and the spacing between adjacent vertical profiles are determined by static calculations. The profile length must not exceed 3500 mm, while the maximum spacing between adjacent load-bearing profiles must not exceed 1200 mm.
- b) The Continual system allows the façade cladding to be offset from the wall within a range of 64 mm to 410 mm*.
- c) Fixing of the load-bearing vertical or horizontal profiles (T, L, Ω , etc.) is carried out using anchors that allow fine adjustment of the aluminum profiles in all directions, ensuring a perfectly planar façade surface. The connection can be either fixed or sliding, thanks to an integrated solution that allows both options. Connections are made using pop rivets or self-drilling stainless steel screws. Where thermal bridge interruption is required, specially designed plastic spacers are installed beneath the anchors.
- d) Box profiles are mounted onto the primary load-bearing profiles. Sub-caps (cat. no. TMF3, TMF17, TMF33) are then installed onto the box profiles using self-drilling stainless steel screws.
- e) Finally, decorative cover caps (cat. no. TMF4, TMF5, TMF15, TMF20, TMF27, TM40) are installed using a dedicated sealing gasket (cat. no. TMG3) and sub-caps (cat. no. TMF3, TMF33, TMF61, TMF17, TMF41), in order to visually emphasize façade horizontals or verticals in accordance with the project design.
- f) The system imposes no limitations on façade cladding materials. Panels may be used in their original dimensions or cut to the required size. Supported panel thicknesses range from 6 mm to 60 mm.

* These dimensions are supported by standard VENT system anchors. For larger offsets, please refer to the technical catalogue [sections 5.19-5.24] and the TMTP catalogue.