

Main system parts

- **fixed anchors** - for attachment of system anchors to a wall
 - **plastic insulators** - in case of specified thermal break
 - **system anchors** - adjustable load-bearing elements
 - **load-bearing aluminium profiles** - vertically positioned omega shape
 - **sliding brackets with bolt** - integrated in omega profile
- **facade cladding** *
 - please use specified fastening & installation products according to technical description for final facade installation



Technical description of system

Aluminium substructure system for specially machined and shaped cassettes fixed by sliding panel brackets with visible bolts in gaps between cassettes. This dry installation system features a quick and efficient installation due to complete workshop preparation of all cassettes. It is named after special sliding brackets that are fixed to each cassette and later slide onto a load-bearing substructure.

Assembly procedure:

- a) The assembly and installation of facade starts with measuring and positioning of main load-bearing profiles.
- b) Extruded load-bearing profiles are installed vertically and spaced according to previously formed facade raster. The maximal recommended length of load-bearing profiles is up to 3,5m (relative to storey height), with maximal horizontal distance of 1,5m between them.
- c) Vertical omega shaped profiles (item nr. V01) are attached by anchoring system that allows fine adjustments in all directions to achieve ideally flat facade. The maximal distance between system anchors is 1,5m (defined with static calculations). System anchors and vertical profiles are connected with threaded rods that feature integrated both flexible and fixed point attachment. In case of specified thermal break, plastic insulators are installed between system anchors and a wall.
- d) Sliding bracket sets (item nr. V50) are inserted in omega profiles. These items form main attachment points for previously prepared cladding cassettes.
- e) Facade panels are CNC machined (cut to measure and grooved). Slider system requires precise cutting of attachment slots on side flaps of the cassette for locking on to sliding bracket bolts.
- f) The prepared cassettes are mounted and spanned into place. Each cassette is safely locked by tensioning between lower and upper sliding bracket bolt. This system features 16mm wide gap and installation of facade goes from ground level up.

Technical details

