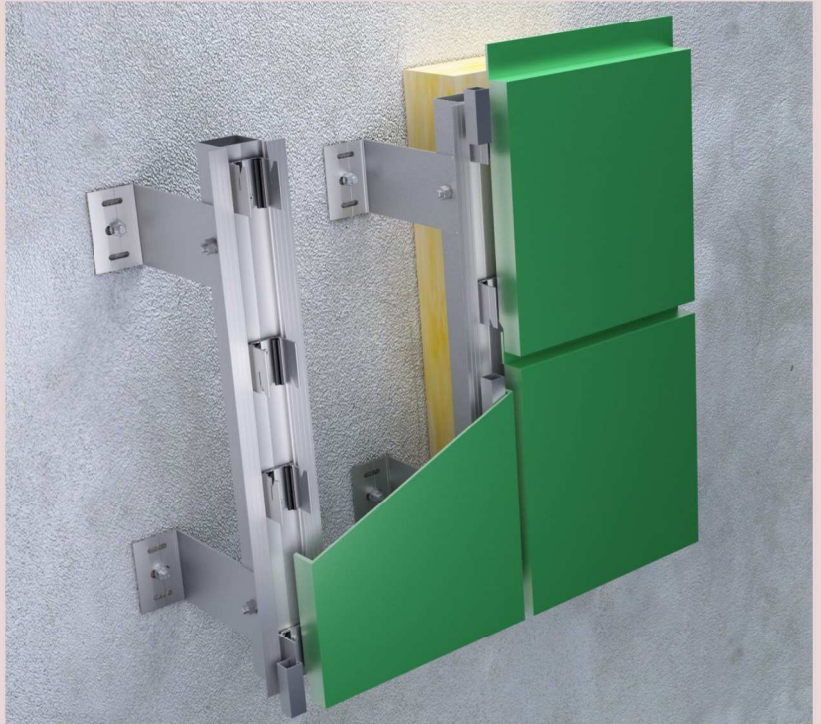


Main system parts

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



Technical description of system

Aluminium substructure system for installation of specially machined and formed cassettes fixed with hidden cantilevers and brackets machined from small square tubes. This dry installation system features full workshop preparation of cassettes that are quickly installed on a construction site as finished facade elements.

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-barring 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. V51) 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), then folded into cassettes with riveted box profile inserts (item nr. K2020).
- f) The prepared cassettes are mounted and spanned into place. Each cassette is safely locked by tensioning between lower and upper sliding bracket. This system features 14mm wide gap and installation of facade goes from ground level up.

Technical details

