

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** - horizontal
 - **cassette-fixing profiles** - vertical or horizontal
 - **connective gasket** - buffer between profiles
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- **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. Their installation is extremely simple due to easy matching of two specially constructed aluminium profiles that fit perfectly together. It's trademark are fine visible gaps, only 9mm wide, and if underlying profile is powder coated the gap can even be colored. This dry installation system features partial workshop preparation and quick installation.

Assembly procedure:

- The assembly and installation of facade starts with measuring and positioning of main load-barring profiles.
- Extruded load-barring profiles are installed vertically (or horizontally if specified in project) 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.
- Main horizontal profiles (item nr. V02) 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 horizontal profiles, connected with blind rivets or stainless steel screws, feature integrated both flexible and fixed point attachment. In case of specified thermal break, plastic insulators are installed between system anchors and a wall.
- Facade panels are CNC machined (cut to measure and grooved), then folded into cassettes. Cassette-fixing profiles for mounting onto secondary horizontal substructure (item nr. V03) are cut to measure and riveted onto cassettes.
- The prepared cassettes are mounted into place with connective gasket (item nr. V62) between cassette-fixing profiles and load - barring horizontal profiles. This system features 9mm wide gap that can feature custom powder coated main horizontal profiles for desired visual effects.

Technical details

