

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** - vertical or horizontal
 - **cassette-fixing profiles** - shortened L profiles
 - **gap fillings** - epdm gaskets and optional structural silicone
- **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, very suitable for encasement of not only walls, but also columns, ceilings, niches and other complicated areas. It is best known for its emphasized gaps between individual cassettes. This look is achieved through insertion and fixing of a special EPDM gasket into gaps which give the impression that entire facade is sealed. This dry installation system features extremely practical

Assembly procedure:

- The assembly and installation of facade starts with measuring and positioning of main load-bearing profiles.
- Extruded load-bearing T or L profiles are installed in any direction required by project (from horizontal to vertical) 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.
- Main vertical substructure profiles (items nr. K3030) are attached by anchoring system that allows fine adjustments in all directions to achieve ideally flat facade surface. The maximal distance between system anchors is 1,5m (defined with static calculations). System anchors feature easy-installation clips that hold main profiles during initial installation and adjustment. They are then connected to main profiles with pop rivets or stainless steel screws, with 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 with riveted L profile inserts (item nr. L2030). L profiles should be mounted on different heights for neighboring cassettes to avoid overlapping.
- System gap is 10-12mm wide and can be filled with EPDM gaskets (item nr. V60, V61) or sealed with structural silicone if required. Both the gaskets and the silicone come in several colors

Tecnical details

