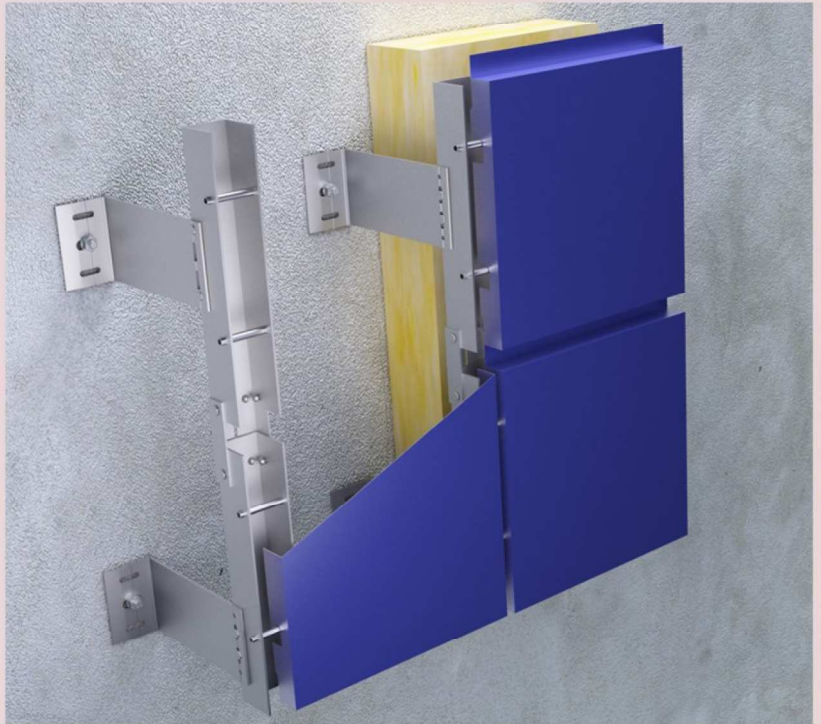


Main system parts

- **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
- **bolts** - 60mm long
- **corner cassette reinforcements** - L profiles 22mm in length

- **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 panel brackets with visible bolts in gaps between cassettes (this is where the system's name comes from). This dry installation system features specially machined side cutouts used to fix cassettes for aluminium substructure.

Assembly procedure:

- a) The assembly and installation of facade starts with measuring and positioning of main load-bearing profiles.
- b) 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.
- c) Main vertical "U" profiles (item nr. U5050) 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.
- d) The "U" profiles are drilled to allow for installation of 60mm bolts that carry finished cladding cassettes according to project
- d) Facade panels are CNC machined (cut to measured, grooved and reinforced with small L profiles riveted into corners). Bolt system requires precise cutting of attachment slots on side flaps of the cassette for locking on to bolts.
- e) Finished cassettes are simply attached to a substructure on the building site. The installation should be performed from bottom to top of facade.

Technical details

