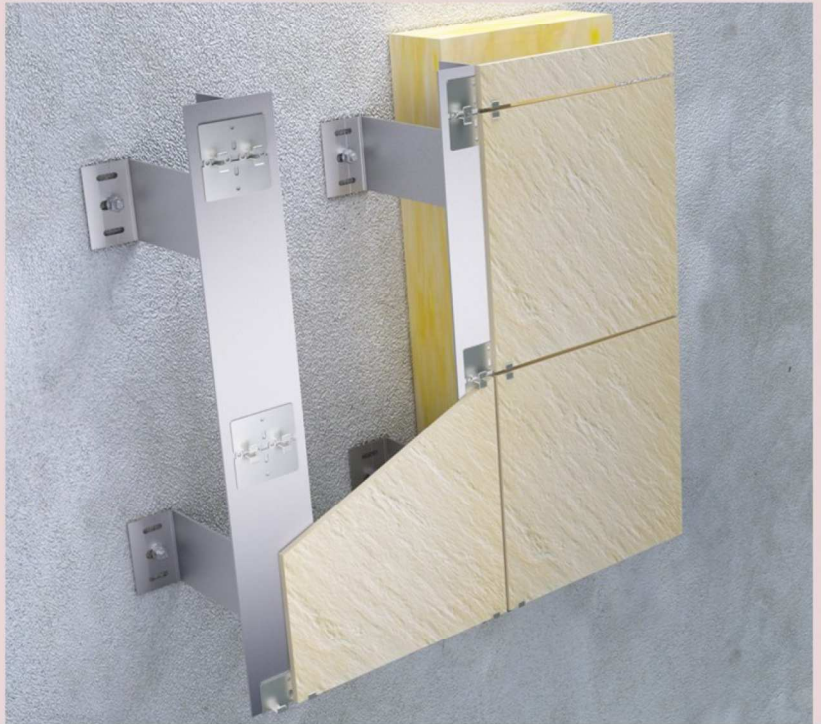


Main system parts

- **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** - vertical or horizontal
 - **stainless steel load-barring plates** - cleats
-
- **facade cladding** *
 - please use specified fastening & installation products according to technical description for final facade installation



Technical description of system

Aluminium substructure system for flat panel cladding (usually granite ceramic tiles) fixed by stainless steel cleats with visible or hidden fixing system. The visible part of the stainless steel cleat can be powder coated in any RAL color according to project requirements. This dry installation system features simple installation, high load-bearing capacity which makes it the preferable option for heavy cladding materials.

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) Main T or L profiles (item nr. V06, V07, V08) 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 feature easy-installation clips that hold main profiles during initial installation and adjustment. They are then connected to vertical 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) Specially designed stainless steel cleats with both visible or invisible attachment (items nr. from V80 to V86) are installed on the vertical profiles and connected with stainless steel screws.
- e) Cladding panels are installed along with the cleats, and each panel is locked into place. It is recommended to place a dab of neutral silicone or a piece of double sided 3M facade tape to increase stability and minimize the micro vibrations between the cladding and the cleats.
- f) The cladding panels are either used in their standard dimensions or cut to the required size.

