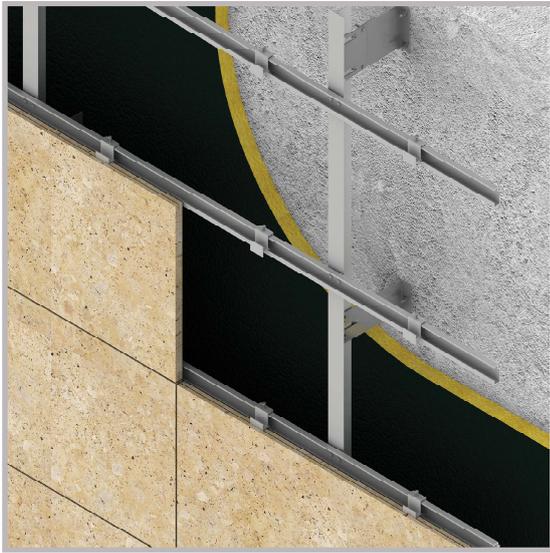


HMP-ALU-P/L Sub Channel System - Introduction



Easy to use Sub channel Fixing system for installation natural stone slabs on to building facades. Adjustability in three directions allowing fast production. Ability to absorb building movements.

HMP-ALU-T T Channel



HMP-ALU-P Agraffe channel



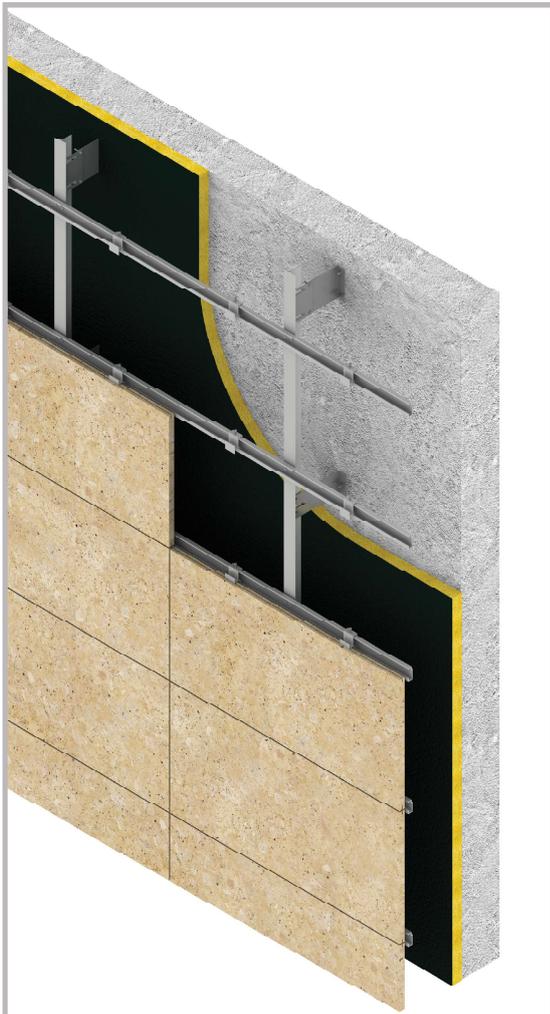
HCSP3-ALU Channel restraint



HCRS4-ALU Channel restraint



HM-AG-K Agraffe bracket



Channel support

Channel supports are load bearing brackets that bear the full weight of the cladding fixed on the sub channel systems. The load is transferred to the concrete beam and the attachment is made with anchor bolts.

Load bearing beams

Load bearing beams are usually constructed out of high strength concrete. Sometimes steel is used. The Sub Channel system is loaded on this part of the substrate.

Channel restraint

Channel restraints are brackets that restrain the sub channel system against wind pressure and suction. The brackets are tied to the wall with suitable anchor bolts, strengthening the channels against buckling.

Building wall

The walls can be constructed out of concrete, brick, beton block or ytong. Different attachment types are used for different type of walls, therefore careful analysis must be made to use the most secure type of connections to the wall for restraining the sub channel system.

Channel

Channels are spanned from floor slab to slab can be supplied in the same length as the floor height.

Insulation

A layer of thermal insulation is covered on the wall, with suitable dowels. Sound insulation, fire proof barriers and EPDM may also be laid behind and or in front of the thermal insulation, providing full protection to the building.

Agraffe Kerf Brackets

Agraffe kerf brackets that are used to install stone slabs on to the channels. The brackets are fixed to the channels with hex self drilling screws. Each bracket is designed to carry the load of the individual stone panel.

Wall cavity

This is the empty space between the cladding and the insulation. Adequate space is required to accommodate the sub channel fixing system, allowing room for the channel and brackets to fit into.

Stone panel

Stone panels are fixed on to sub channel system. Proper study and calculation is made to check the suitability of stone and dimensions for facade installation purposes.

