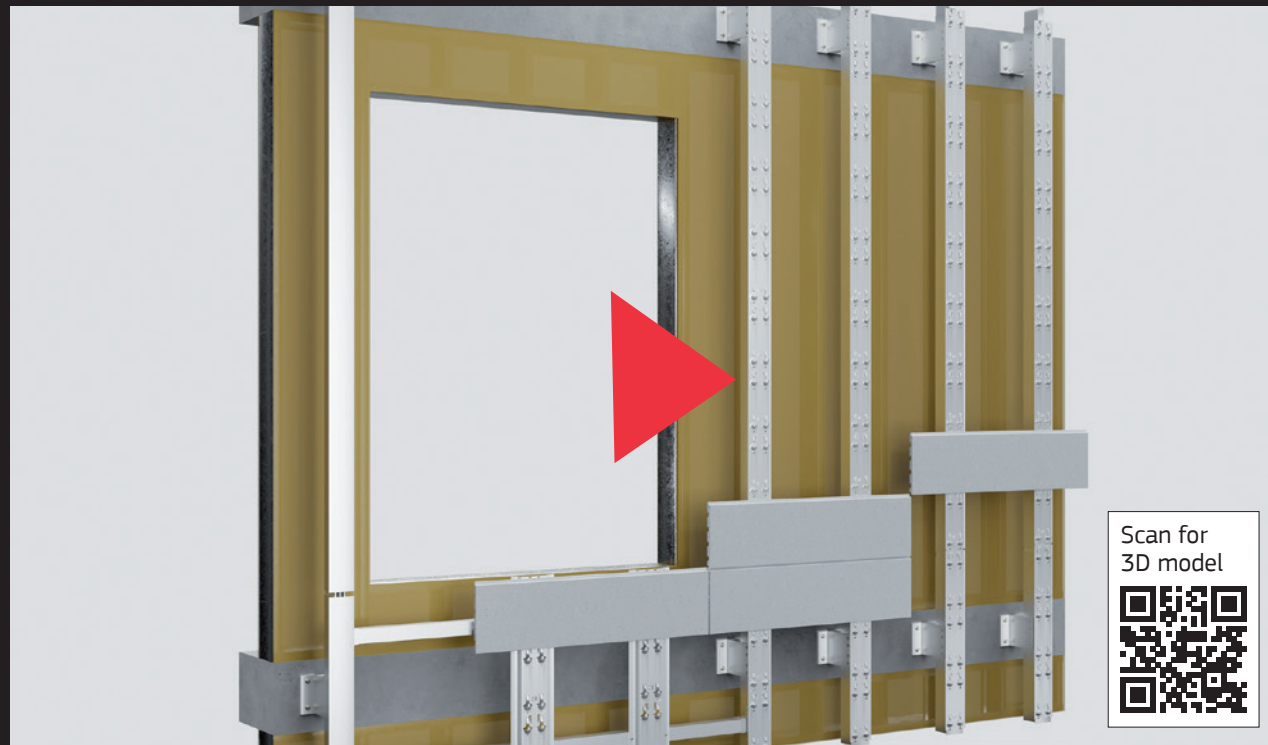


AIO

SLAB-TO-SLAB FACADE INSTALLATION



- + **ADVANCED SOLUTION FOR FLOOR-TO-FLOOR FIXING COMPATIBLE WITH MOST CLADDING MATERIALS**
- + **BUILT-IN ADJUSTABILITY**
- + **THERMALLY BROKEN BY MEANS OF THERMO-PADS**
- + **A1 NON-COMBUSTIBLE**
- + **100% RECYCLABLE**

CLADDINGS

- + HPL
- + Fiber-cement
- + GFRC
- + Stone
- + Ceramic
- + ACM
- + Metal panels

AIO system is designed to span story heights without the need for intermediate fixings, and can be used for installation of various cladding materials.

AIO provides a further advantage in thermal performance by limiting the number of penetrations in the thermal insulation of the building.

The system components are created individually for every project.

- > The cladding panels are attached directly to the AIO vertical rails or via other rails, depending on the cladding configuration.
- > The AIO rails are attached to the QAB wall brackets located at floor levels.
- > The AIO rails feature a custom insert, placed at the profile joints, designed for absorbing thermal movement and floor-to-floor deflection.
- > The wall brackets come with a thermo-pad to reduce thermal bridging and prevent galvanic corrosion.

COMPONENTS	MATERIAL	NOTES
AIO rails	Extruded aluminum, alloy AW 6063 T66	Unpainted, RAL painted, anodized 12 µm (or more upon request)
QAB wall brackets	Extruded aluminum, alloy AW 6063 T66	Unpainted, typ.
Accessories	Extruded aluminum, alloy AW 6063 T66 or T6; Aluminum sheet alloy AW 5754 H22	Unpainted, RAL painted, anodized 12 µm (or more upon request)
QVB thermo-pads	Polypropylene	Pre-assembled to the wall brackets, typ.
Fasteners	Stainless steel or with corrosion-resistant coating	

THERMAL PERFORMANCE

AIO system decreases the thermal bridging by limiting the number of connections to the substrate - only on slab levels. The strength of extruded materials allows for fewer wall brackets and screw penetrations to the wall compared to the other attachment methods.

The thermal performance of a given system varies significantly on the wall build-up, exterior insulation depth, cladding materials, and wall bracket spacing. Project-specific thermal modeling is available upon request.