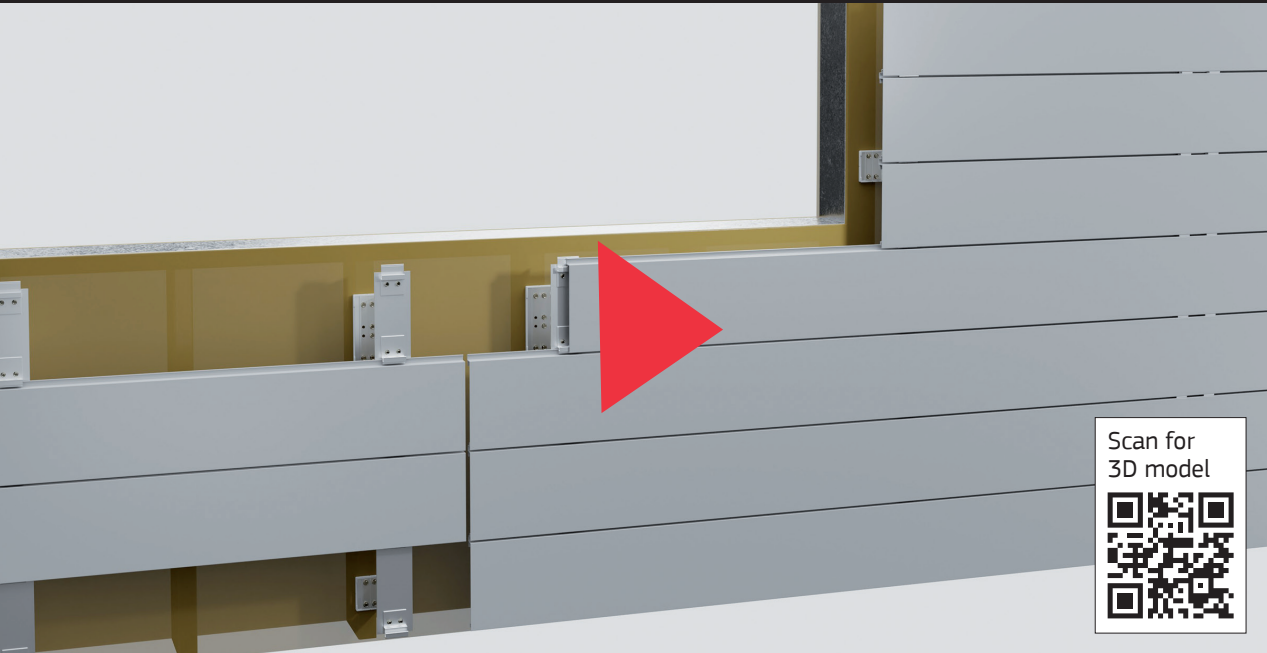


QV9.5

MECHANICALLY FASTENED EXTRUDED ALUMINUM PANEL SYSTEM



- + **ECONOMICAL CLADDING SOLUTION FEATURING EXTRUDED ALUMINUM PANELS**
- + **BUILT-IN ADJUSTABILITY**
- + **THERMALLY BROKEN BY MEANS OF THERMO-PADS**
- + **A1 NON-COMBUSTIBLE**
- + **100% RECYCLABLE**

CLADDINGS

- + Extruded metal panels

The QV9.5 system incorporates an attachment system, as well as extruded aluminum panels, manufactured by Q-VENT. The panels can be provided in a variety of shapes, sizes, and finishes and can be installed vertically or horizontally using a specialized clip system.

QV9.5 can be used on stud wall, concrete, and masonry (CMU) substrates.

- > In the case of horizontal installation, the panels are installed on vertical profiles, which are attached to QVB wall brackets via a series of fixed and sliding connections. The wall brackets come with a thermo-pad to reduce thermal bridging and prevent galvanic corrosion.
- > In the case of vertical installation, the panels are installed on horizontal rails.

COMPONENTS	MATERIAL	NOTES
Cladding panels	Extruded aluminum, alloy AW 6063 T66	Powder coating certified Qualicoat or Anodized. Standard and custom colors are available
Vertical and horizontal rails	Extruded aluminum, alloy AW 6063 T6 or T6; Aluminum sheet alloy AW 5754 H22	Unpainted, RAL painted, anodized 12 µm (or more upon request); Cavity depth, check the latest company delivery program;
Clips	Extruded aluminum, alloy AW 6063 T66	Unpainted, RAL painted, anodized 12 µm (or more upon request)
QVB wall brackets	Extruded aluminum, alloy AW 6063 T6	Cavity depth from 57 mm [2 1/4"] to 285 mm [11 3/16"], Built-in in/out adjustability of 35 mm [1 3/8"]; 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

The use of thermo-pads reduces thermal bridging. The strength of the extruded materials allows for fewer wall brackets and screw penetrations to the wall compared to other attachment methods.

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