

QV7

MECHANICAL FASTENING FOR TERRACOTTA PANELS



- + **VERSATILE SOLUTION FOR ATTACHMENT OF TERRACOTTA PANELS USING CLIPS**
- + **COMPATIBLE WITH MOST CLADDING MATERIALS**
- + **BUILT-IN ADJUSTABILITY**
- + **THERMALLY BROKEN BY MEANS OF THERMO-PADS**
- + **A1 NON-COMBUSTIBLE**
- + **100% RECYCLABLE**

CLADDINGS

- + Terracotta panels with thickness >1", produced by any manufacturer

The QV7 system is a solution for mechanical attachment of terracotta panels using clips. The system is designed to support terracotta panels with 25 mm [1"] minimum thickness, and it can be adapted for use with most terracotta manufacturers producing flat and 3D units.

QV7 can be used on stud wall, concrete, and masonry (CMU) substrates.

- > The system can be configured for both horizontal and vertical orientation of the terracotta panels.
- > The terracotta panels are attached to either vertical or horizontal rails, depending on the project specific configuration.
- > All options can come with a thermo-pad to reduce thermal bridging and prevent galvanic corrosion.

COMPONENTS	MATERIAL	NOTES
Vertical and horizontal rails	Extruded aluminum, alloy AW 6063 T66 or T6; Aluminum sheet alloy AW 5754 H22	Unpainted, RAL painted, anodized 12 µm (or more upon request)
Clips	Extruded aluminum, alloy AW 6063 T66	Unpainted, RAL painted, anodized 12 µm (or more upon request)
Gaskets	Silicone, soft PVC	Black, typ.
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.