

VMZINC

FACADE

VMZINC®
Interlocking
panel



Presentation

The VMZINC Interlocking panel system is designed for any facade to be cladded with a rainscreen system, for both new and refurbishment projects.

It involves installing interlocking panels on metal or wood framework fixed to the supporting structure (masonry or metal structure).

The panels are simply connected by the use of an interlocking groove giving the elegant appearance of a recessed joint.

Key advantages

- > Structured design of long and flat panels made of 1 mm VMZINC
- > Horizontal or vertical installation
- > Interlocking attachment with concealed fastening
- > Range of components offering a wide variety of all flashing details
- > Certified by National European Organism



SDCCD Mesa College Social and Behavioral Science Building, San Diego, California (USA) - Architect: Joseph Wong Design Associates - Technique: VMZINC® Interlocking profile.

Application

- > New construction or refurbishment.
- > Vertical cladding and flat ceiling.
- > All types of buildings, in particular offices, public
- > Buildings and collective housing.
- > Inside building (hall, entrance).

Find more references on www.vmzinc.com



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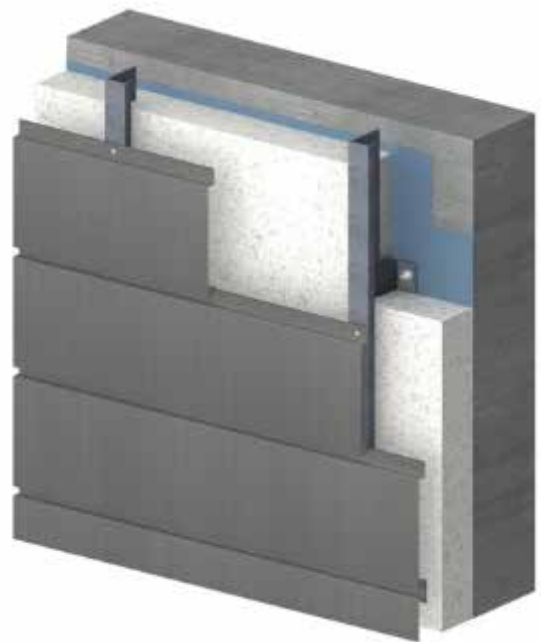
1: Individual house, Sant Cugat (España) – Technique: VMZINC® Interlocking profile.
 2: Carter Residence (New Zealand) – Architect: Andrew Mirams – Technique: VMZINC® Interlocking profile.
 3: Collective Housing Jules Verne Ginko, Bordeaux (France) – Architect: Brochet Pueyo Lajus – Technique: VMZINC® Interlocking profile.
 4: John Cooper School, The Woodlands Texas (USA) – Architect: Work TM – Technique: VMZINC® Interlocking profile.

Structure

The system is relatively lightweight as the panels weigh no more than 12 kg/m² and can be fixed back to both timber and metal sub frames. Support rails are installed at 600mm centres (maximum). Aluminium rails are 2mm thick with both timber and aluminium rails requiring a supporting face of at least 40mm. All panels that are over 2m in length must allow for thermal expansion and contraction by using stainless steel clips. The fixed point being at the top of the panel for vertical installation and in the middle for horizontal installation.

Installation

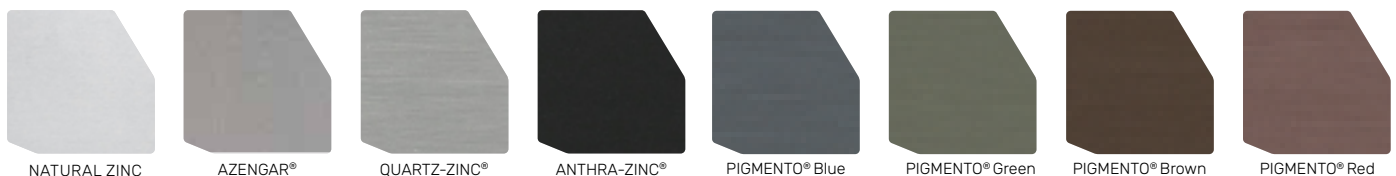
The panels are installed in a sequential order from top to bottom for horizontal panels. The upper edge of each panel is engaged into the lower edge of the panel above. The panels are mechanically attached using screws and/or the panel fixing clip that allows for thermal movement. The panels should be installed with the protective film in place. VMZINC® PLUS must be used on all non-vertical flashings if open gap soft boards are not being used.



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Surfaces

VMZINC builds the future with a large selection of zinc colors that can make your unique architectural visions a reality.



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