

VMZINC

FACADE

VMZINC® Sine wave profile



Presentation

The Sine wave panels have to be installed on a metal framework fixed to the supporting structure.

The Sine wave panels provide increased freedom of choice and design through the play of light and shadow on the cladding.

Key advantages

- > Rhythmic wave aesthetic
- > Vertical or horizontal cladding with special joint
- > Easy installation with overlapping between two panels for fast installation
- > Range of components offering a wide variety of flashing details

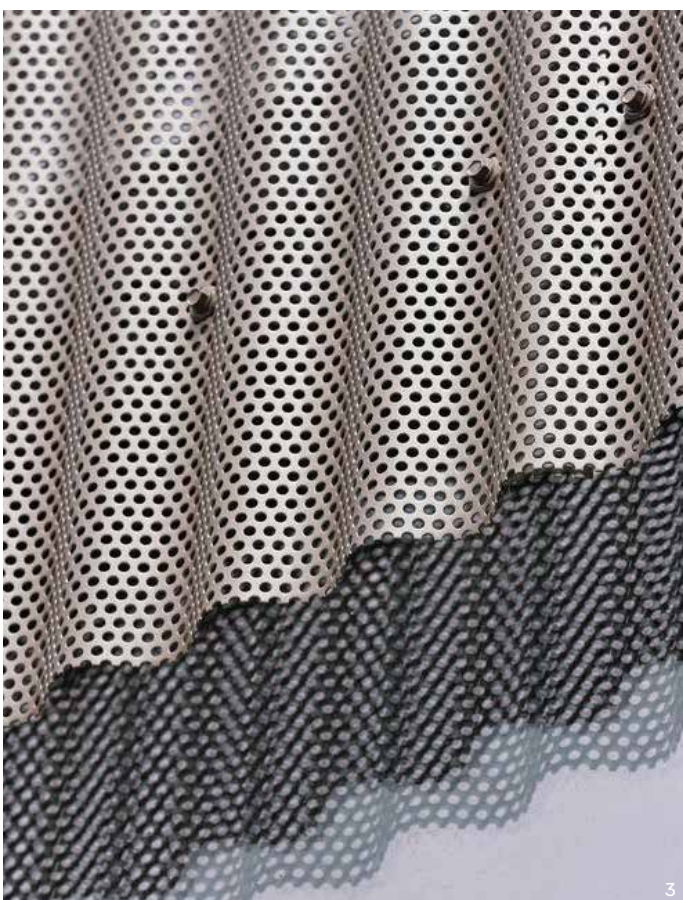


Résidence étudiante de la ZAC Vigny-Musset, Grenoble (France) - Architect: Pierre Granveaud, GKP Architecture et Aktis Architecture - Technique: VMZiNC® Sinus profile.

Application

- > New construction or refurbishment projects.
- > Flat facade or curved with large radius.
- > All types of buildings, in particular office and public buildings and collective housing.

Find more
references on
www.vmzinc.com



- 1: Stabilimento Tessil Trading, Mornico Al Serio (Italia) - Architect: ARCH. ALBERTO BERTASA - Technique: VMZINC® Sinus profile.
 2: 28 Elsdale Street, London (UK) - Architect: GPAD - Technique: VMZINC® Sinus profile.
 3: Pole de Service, Villedieu les Poeles (France) - Architect: Charpentier Nicolas, Caen - Technique: VMZINC® Sinus profile.
 4: Bureaux Campus VEOLIA, Meyzieu (France) - Architect: ARTE CHARPENTIER - Technique: VMZINC® Sinus profile.

Technical data

VMZINC® SINE WAVE PROFILE

| Type | 18/76 | 25/115 | 43/180 |
|--|-------------------|------------|--------------|
| Wave depth | 18 mm | 25 mm | 43 mm |
| Wave width | 76 mm | 115 mm | 180 mm |
| Useable width | 836 mm | 805 mm | 720 mm |
| Length* | From 1,8 m to 6 m | | |
| Weight** (1mm) | 8,7 kg/sq. m | 9 kg/sq. m | 9,5 kg/sq. m |
| Radius for natural curving (horizontal installation) | 15 m | 30 m | 40 m |

*Limited to 4 meters in mountain areas and exposed areas (500 m to seashore)

** Weight of the system / sq. m excluding framework.

Installation

The panels are installed in a sequential order from bottom up. Panels are fixed in place with stainless steel screws on every other wave. The maximum length for the panels is 6m. For panels over 3m in length slotted or over-size holes must be pre-drilled to allow the thermal expansion and contraction of the panels to take place.

The panels should be installed with the protective film in place.

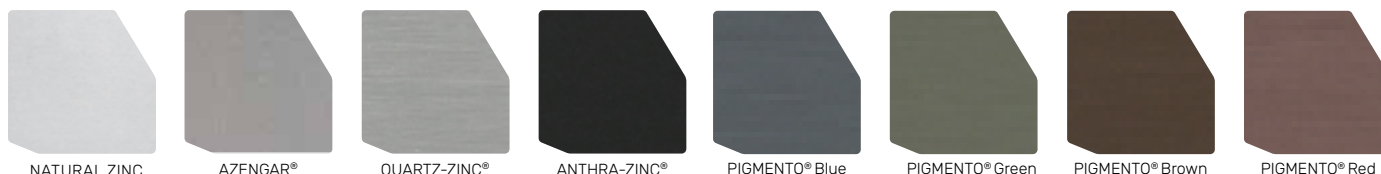
VMZINC® PLUS must be used on all non-vertical flashings if open gap soft boards are not being used.



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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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