

VMZINC

Facades
Roofs
Interiors

Innovative solutions to meet your
design aspirations.



VMBUILDINGSOLUTIONS

VMZINC *Make it yours*

Customisation is not just for sports brands, it is a growing trend in all sectors and the building industry is no exception. Clients and design teams are looking for original, made-to-order solutions to put their hallmark on projects. VMZINC provides responses to these new requirements and today offers colours on request, folds and made-to-order perforations that extend the use of zinc.

VMZINC PERFORATED ZINC

VMZINC offers a wide range of standard or made-to-order perforations according to the aesthetics and degree of transparency sought: rounded, square, rectangular or trapezoidal forms; uniform or arbitrary layout and photographic reproduction using pixellation of motifs. These perforations, combined with VMZINC constructive systems, give rhythm to facades by creating a contrast between shadows and light. The perforated cladding becomes a sun-shield and contributes to improving the thermal performance of buildings. Thanks to its self-protective properties, perforated zinc acquires a natural patina, eliminating the need for post-lacquering of the cut edges, which is often necessary with other metals. The intrinsic qualities of zinc make it an ideal material for perforated



COLOURS ON REQUEST

A pioneer in surface aspect treatment since 1837, VMZINC makes its know-how available to contemporary architecture and is providing its PIGMENTO and lacquered range of colours on request. This ground-breaking offer is new to the market, makes it possible to have a multitude of shades and is an invitation to creativity.

Available for all VMZINC facade and roofing systems, these colours are created jointly by design teams and VMZINC teams. In the space of several weeks, prototypes in the desired colours are available for validation.

For each individual customisation, every request is specifically examined by the VMZINC teams to

SOLUTIONS WITH SPECIFIC FOLDS

VMZINC's industrial skills enable the brand to develop cladding systems on request in the form of customised profiles, installed on a metal framework. Assembled using invisible fixing, various ranges and depths can feature on a single profile. These profiles provide rhythm and structure, and are prototyped upstream. All profiles are then packaged and delivered per type of fold in order to ensure quick and easy installation of the facade:



VMZINC Environmentally Friendly

Zinc is a natural element of our environment. It takes very little energy to manufacture compared to other metals used in equivalent building envelope applications. Rolled zinc is unique in that it reacts with the main components of the atmosphere by creating a self-protective coating. Thanks to the latter, zinc can easily last hundred years. Rolled zinc is also 100% recyclable and 95% of it is effectively recovered and re-used in different areas of application.

With VMZINC® solutions you can dare to be creative and make a mark without marking the environment.

- 100% natural
- Low energy consumption
- Lasts up to 100 years
- 100% recyclable



Environmental Product Declarations



FDES



BRE Env. Profile



IBU Certifikat



Environmental Assessments



NF



Breeam



Greenstar



High school G. Dolmaire (Mirecourt-FR)



Primary school (Abergwynfi - RU)



Exhibition centre (Melbourne - AU)



Centre for research (Cincinnati - USA)



Project - Individual Housing, Location - Italy

VMZ Standing Seam

From roof to facade.

- Can be installed horizontally or vertically
- Provides strong, uninterrupted lines
- Maximum waterproofing

Area of Application	Straight, curved and complex
Thickness	0.8 mm
Standard Coil Width	500 mm
Standard Center to Center / Height of Seam	416 mm / 32 mm 430 mm / 25 mm
Maximum length of panel	Horizontal layout: 6 meters Vertical layout: 4 meters
Minimum Radius of Curvature	300 mm
Support System	Rigid and continuous in all parts.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt



Project - Medical Building, Location - Japan

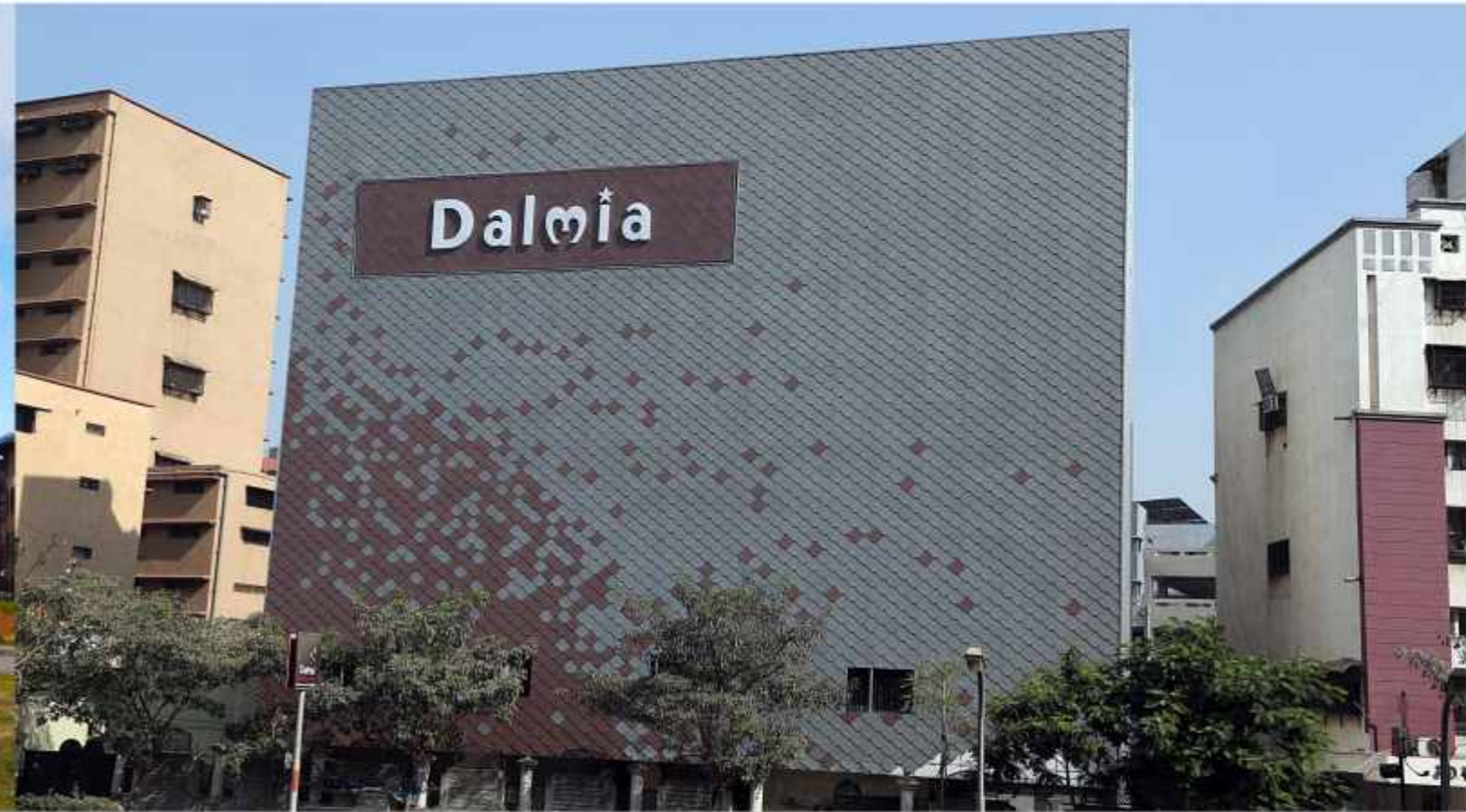
VMZ Flatlock panel

Textured facade.

- Can be installed horizontally or vertically
- Provides a heightened, textural aesthetic
- A traditional approach to wall cladding

Area of Application	Straight, curved and complex
Thickness	0.8 mm
Standard Coil Width	500 mm
Standard Center to Center / Height of Seam	390 mm for non recessed joint 375 mm for recessed joint
Maximum Length of Panel	3 meters
Support System	Rigid and continuous in all parts.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt





Project - Educational Building, Location - UK

VMZ Interlocking Panel

An elegant facade.

- Can be installed horizontally or vertically
- Hidden fasteners beyond a clean, flat panel
- A reveal between panels enhances shadow lines

Area of Application	Straight
Thickness	0.8 mm and 1 mm
Standard Center to Center	150 mm, 220 mm, 300 mm
Maximum Length of Panel	3 meters
Support System	Framework of galvanized steel or aluminium rails fixed every 600 mm on the main structure.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt



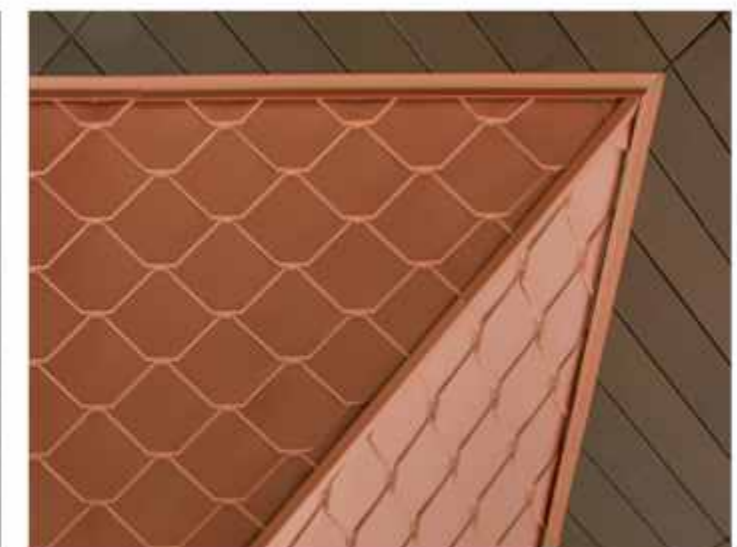
Project - Commercial Building, Location - Surat

VMZ Adeka®

A traditional facade.

- Installed in a shingled aesthetic on the facade
- Excellent waterproofing
- Easy to install

Area of Application	Straight and curved
Thickness	0.65 mm
Useful Dimensions	400 mm x 400 mm
No. elements/m2	8.8
Packaging	24 Adeka / box
Support System	Rigid and continuous in all parts.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO
Color on Demand	Minimum Quantity 500 Sqmt





Project - Public Building, Location - France

VMZ Overlapping Panel

A tapered facade.

- Installed horizontally
- Gives a louver effect
- Externally sloping panels

Area of Application	Straight
Thickness	0.8 mm
Standard Center to center	175 mm
Maximum length of panel	3 meters
Support System	Framework of galvanized steel or aluminium rails fixed every 600 mm on main structure.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt



Project - Commercial Building, Location - Italy

VMZ Composite Panel

A structured facade.

- Refined aesthetics of very flat zinc elements
- Meticulously finished accessories, invisible fasteners
- Full range of components: framework, fasteners, finishing accessories

Area of Application	Straight and curved
Thickness	4 mm
Width	990 mm Standard and 1240 mm on demand *
Maximum Length of the Panel	6 meters
Desnity	12kg/Sq.m
Support System	Framework of galvanized steel or aluminium rails fixed every 600 mm on main structure.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt

* QUARTZ-ZINC





Project - Public Building, Location - France

VMZ Sine Wave Profile

A rhythmic facade.

- Can be installed horizontally or vertically
- A soft, undulating corrugation with through fasteners
- The "look" of the material can be contemporary or recall the rural vernacular

Area of Application	Straight and curved		
Thickness	0.8 mm to 1 mm		
Profile Designation	18/76	25/115	43/180
Wave Depth	18 mm	25 mm	43 mm
Peak to Peak Distance	76 mm	115 mm	180 mm
Radius for Natural Curving / Horizontal Curving	15 meters	30 meters	40 meters
Support System	Framework of galvanized steel or aluminium rails fixed every 600 mm on main structure.		
Surface Finishes	QUARTZ-ZINC, ANTHRA-ZINC, PIGMENTO & AZENGAR		
Color on Demand	Minimum Quantity 500 Sqmt		



Project - Educational Building, Location - Spain

VMZ Perforation

Aesthetically Designed Perforation.

- For Sunscreen to reduce heat gain
- Air Ventilation purpose
- Customized perforation

Area of Application	Straight, curved and complex
Thickness	0.8 mm to 1.5 mm
Size	Customised
Width	Maximum 1000 mm
Support System	Framework of Galvanized Steel
Surface Finishes	QUARTZ-ZINC, ANTHRA-ZINC & natural zinc





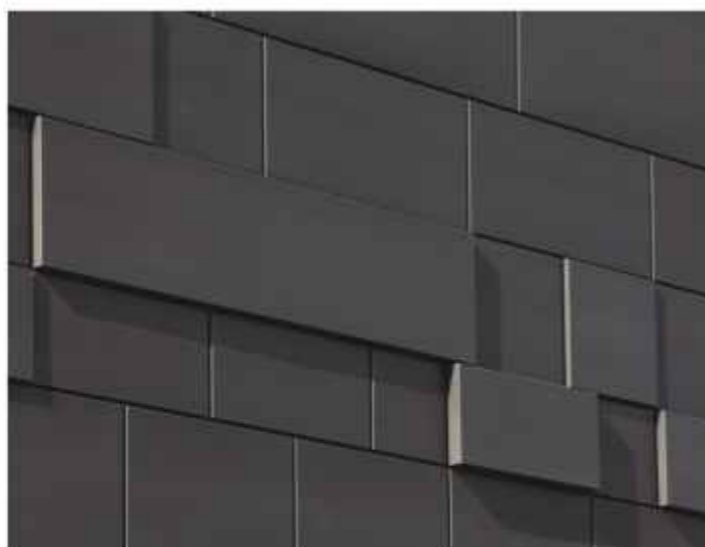
Project - Commercial Building, Location - France

VMZ Mosaik

An elegant facade.

- Wider & Bigger Panels
- Rainscreen system
- Relief Panels

Area of Application	Straight
Thickness	1mm and 1.5mm
Width	450 mm, 600 mm and 900 mm
Maximum Length of the Panel	2.4 meters
Support System	Framework of galvanized steel or aluminium rails fixed every 600 mm on main structure.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt



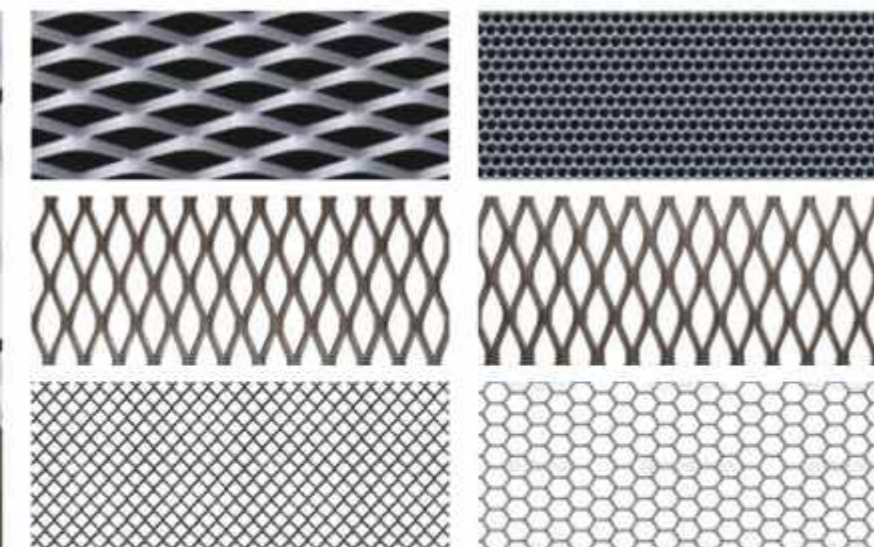
Project - Commercial Building, Location - Pune

VMZ Expanded Mesh

Light, economic and flexible

- For Sunscreen to reduce heat gain
- Air Ventilation purpose
- Customized Mesh

Area of Application	Straight, curved and complex
Thickness	1 mm to 1.5 mm
Size	Customised
Width	Maximum 1000 mm
Support System	Framework of Galvanized Steel
Surface Finishes	QUARTZ-ZINC & natural zinc





Project - Commercial Building, Location - Chennai

VMZ Parametric

- Capability to produce flexible designs
- Allows deeper comprehension of design objectives
- Aids designer in their decisions to find solutions



Project - Public Building, Location - Denmark

VMZ Customised

- Customized design requirements
- Large range of bespoke forms of facades
- Broad knowledge and experience





Project - Medical Facility, Location - France

VMZ Standing Seam

Tradition lives on...

- Can be installed vertically or diagonally
- Panel length up to 15+ meters
- Maximum waterproofing

Area of Application	Straight, curved and complex
Minimum Pitches	3 (5%)
Thickness	0.7 mm
Standard Coil Width	500 mm
Standard Center to Center / Height of Seam	416 mm / 32 mm 430 mm / 25 mm
Maximum Length of Panel	15 meters
Minimum Radius Curvature	300 mm
Support System	Rigid and continuous in all parts. Meet loading resistance requirement with a pull out strength of 50 daN for each fixing clip.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, AZENGAR, PIGMENTO MATT, VMZ PVDF coating on request

Project - Private House, Location - USA

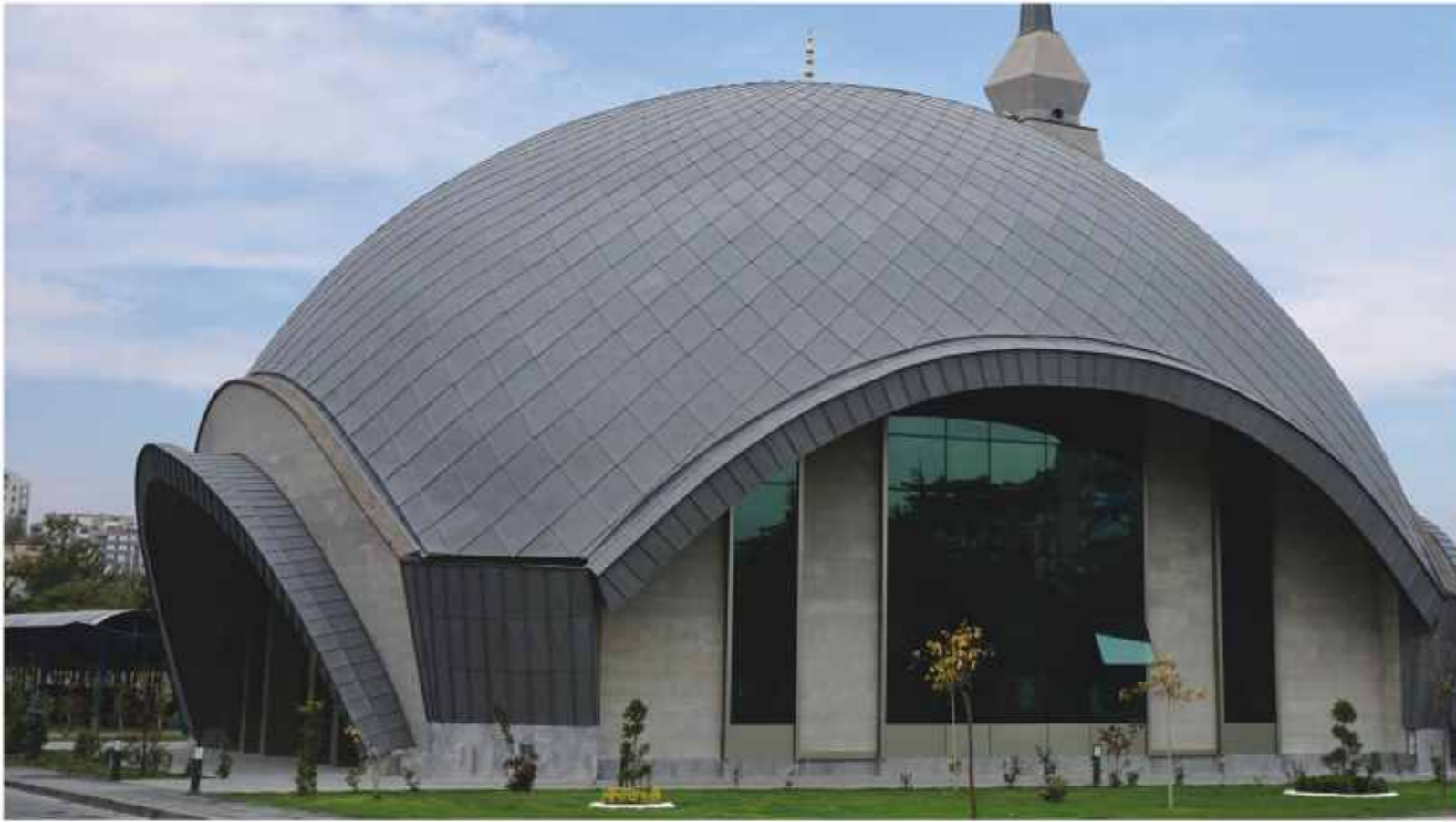
VMZ Adeka®

45 degrees...

- Small and easily installed shingles
- Provide a textured aesthetic
- Excellent waterproofing

Area of Application	Straight and curved
Minimum Pitches	15 (25%)
Thickness	0.65 mm
Useful Dimensions	400 mm x 400 mm
No. elements/m2	8.8
Packaging	24 Adeka / box
Support System	Rigid and continuous in all parts.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, AZENGAR, PIGMENTO MATT, VMZ PVDF coating on request





Project - Public Building, Location - Turkey

VMZ Flatlock Tile

Textural roof...

- Fits to any shapes
- Customised tiles (Square, Diamond, Hexagonal etc)
- Uncomparable asthetical effect

Area of Application	Straight, Curved and Complex
Thickness	0.7 mm
Standard Center to Center	390 mm
Minimum Pitches	60°
Support System	Rigid and continuous in all parts. Meet loading resistance requirement with a pull out strength of 50 daN for each fixing clip.
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, AZENGAR, PIGMENTO MATT, VMZ PVDF coating on request



Project - Commercial Office, Location - Turkey

VMZ Interior

- The inimitable elegance of preweathered zinc with a velvet-like aspect, for a uniquely refined interior
- Modular system with different formats for greater creativity
- Reinforced cassettes that are lightweight and resilient
- Simple one-person installation and disassembly

Thickness	0.7 mm to 1.5 mm
Size	Customised
Width	Maximum 1000 mm
Length	Maximum 2400 mm
Surface Finishes	QUARTZ -ZINC, ANTHRA -ZINC, PIGMENTO & AZENGAR
Color on Demand	Minimum Quantity 500 Sqmt



At VMZINC our commitment goes much further than the delivery of quality goods. That is why we work closely with all those involved, starting from the initial idea right down to the finished building.



DESIGN ASSISTANCE

VMZINC employs a team of architects, engineers and CAD technicians to help you keep one step ahead in the development of increasingly daring and sophisticated building envelopes. Our team will assist clients to design their roofing or facade project and will stimulate their creativity by providing innovative solutions that respect budgetary requirements and the relevant standards.

Different services are provided on request

- Feasibility analyses of even the most complex projects
- Recommendations for working drawings
- Architectural assistance for the development of innovative concepts
- Review of shop drawings
- Library of CAD drawings

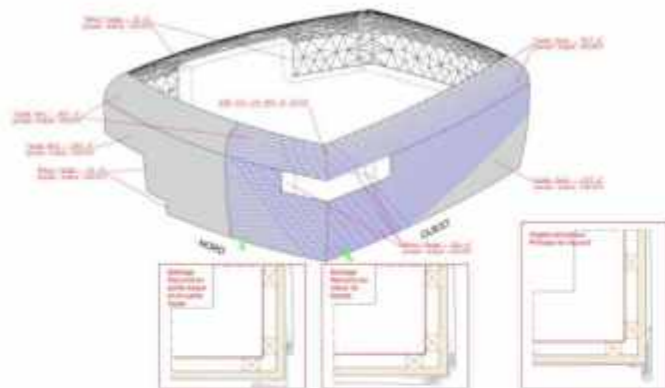
For each individual customisation, every request is specifically examined by the VMZINC teams to provide a comprehensive solution to suit each specific situation.

TAILORED SUPPORT

At each major stage of the project, the VMZINC teams provide support for reflection and development with numerous services.

They can provide upstream confirmation of feasibility regarding the desired customised solutions, taking local regulations into account. They can also provide an initial budgetary envelope to ensure rigorous design of the future building.

VMZINC can produce prototypes or mock-ups to facilitate



ADJUSTED LOGISTICS

VMZINC's experience of managing these types of project makes it possible to provide support to installers and ensure optimum organization of on-site logistics: sequenced delivery, specific packaging, numbering of parts, assembly

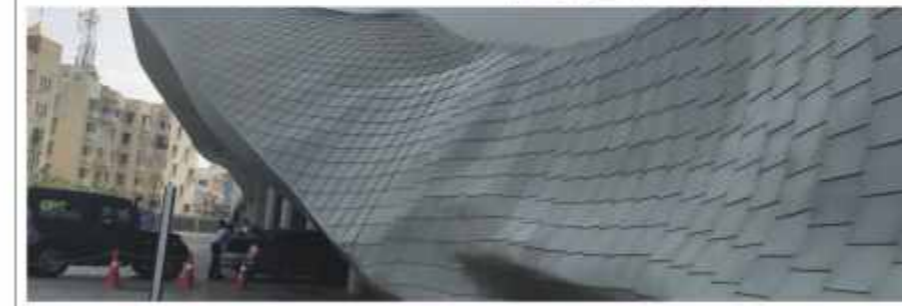
VMZINC works in close partnership with architects, providing support to ensure their building can be customised as simply as possible.



Project : Palladium Mall, Chennai
Aspect : PIGMENTO Brown



Project : Esplanade Mall, Bhubaneswar
Aspect : QUARTZ Strat



Project : Gold Showroom, Chennai
Aspect : PIGMENTO Brown



Project : Jatin Arora Residence, Gurgaon
Aspect : PIGMENTO Brown

VMZINC Facade Projects in India



Project: War Memorial, Amritsar, Punjab
Aspect: PIGMENTO Blue



Project: Shreedharam Residence, Kochi
Aspect: PIGMENTO Green



Project: Surat District Co-Operative Bank, Surat
Aspect: ANTHRA Strat



Project: Hospital, Allahabad
Aspect: QUARTZ Zinc



Project: Corporate House, Solapur
Aspect: PIGMENTO Red



Project: Commercial Building, Surat
Aspect: QUARTZ Zinc



Project: Hotel, Chennai
Aspect: PIGMENTO Green, PIGMENTO Blue, QUARTZ & natural zinc



Project: Commercial Building, Surat
Aspect: PIGMENTO Red, QUARTZ Zinc, ANTHRA Zinc



Project: Public Building, Jaipur
Aspect: ANTHRA Strat, PIGMENTO Red

VMZINC Roofing Projects in India



Project: Private Residence, Lonawala
Aspect: QUARTZ Plus



Project: Private Residence, Pune
Aspect: PIGMENTO MATT Red Plus



Project: Private Residence, New Delhi
Aspect: QUARTZ Plus



Project: Heliport, Rohini Delhi
Aspect: natural zinc



Project: Private Residence, Pune
Aspect: PIGMENTO MATT Red Plus



Project: Private Residence, Goa
Aspect: QUARTZ Plus



Project: Private Residence, New Delhi
Aspect: ANTHRA Zinc



Project: Bangla Bhawan, Kolkata
Aspect: QUARTZ Plus



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