

PROTECTION AND TRANSPARENCY: THE VIRTUES OF VMZINC® PERFORATION!

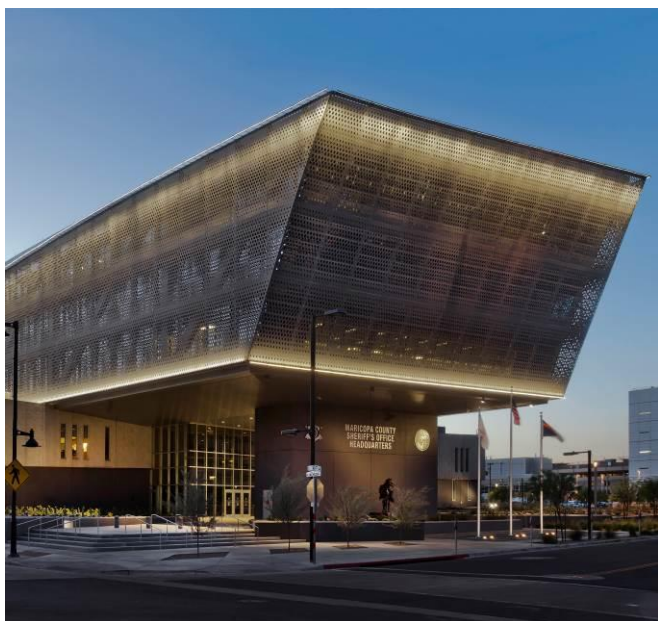
Use of zinc is changing and adapting to architectural trends, especially to meet requirements in terms of interior comfort and energy saving. An opaque material by nature, it can become a mesh, lace or veil on a building envelope thanks to perforation. A specialist in rolled zinc building solutions, 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.

Perforated zinc plays with shadow and light, enriches textures and makes it possible to create wall-mounted skins, transforming the perception of the material. It is available in all surface aspects - QUARTZ-ZINC®, ANTHRA-ZINC®, PIGMENTO® and AZENGAR®, and in **numerous VMZINC® facade systems**: VMZ MOZAİK cassettes, VMZ Composite panels, VMZ Sine wave profile, VMZ Interlocking panels and VMZ Standing seam.

In the day time, VMZINC® perforated zinc gives **the building a dynamic, lightweight appearance**. At nightfall, it seems to disappear, revealing the illuminated core of the building, or animates the facades when used with LED backlights. The facade takes on its full significance and the building becomes a luminous signal, a landmark in the city.

VMZINC® perforated zinc also contributes to interior comfort. In winter, it allows **natural light** to inundate living areas while at the same time protecting occupants from external view. In summer, it provides **solar protection** and **contributes to the energy efficiency** of buildings, especially in Southern regions.

All the cut parts of zinc develop a natural patina, with no risk of oxidation. This makes zinc an ideal material for perforated cladding systems.



*POLICE HEADQUARTERS IN PHOENIX, USA
VMZ PERFORATED COMPOSITE - QUARTZ-ZINC®
ARCHITECTURE FIRM: GABOR LORANT ARCHITECTS
PHOTO CREDIT: GILBERTSON PHOTOGRAPHY*



*MUNICIPAL TRAINING AND EMPLOYMENT CENTRE IN RODEZ, FRANCE
VMZ PERFORATED SINE WAVE PROFILE - PIGMENTO® RED
ARCHITECTURE FIRM: LACOMBE DE FLORINIER
PHOTO CREDIT: PAUL KOZLOWSKI + GILLES TORDJEMAN*

A MULTITUDE OF AESTHETICS

The transparent effect is obtained with a perforation rate of just 30 %. Installed directly onto a wall-mounted framework, VMZINC® perforated zinc can be used in a variety of forms:

→ SMALL PERFORATIONS AND VIBRATIONS ON THE FACADE

Small and medium perforations are made on VMZ Interlocking panels, VMZ MOZAİK® cassettes, ribbed panels or VMZ Standing seam systems. When used with the various VMZINC® cladding systems, these multi-shaped perforations give a rich, rhythmic texture to facades.



*CAR PARK IN SAINT LAUD, ANGERS, FRANCE
ZINC SHEETS - QUARTZ-ZINC®
ARCHITECTURE FIRM: AZÉMA ARCHITECTES
PHOTO CREDIT: PAUL KOZLOWSKI*

→ LARGE PERFORATIONS AND FLATNESS

For large perforations, VMZINC® proposes the VMZ Composite panels system. Made up of two thermobonded zinc sheets and a high density organo-mineral core (4 mm thick), these panels provide perfect rigidity that is ideal for large perforations.



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VMZ PERFORATED COMPOSITE - QUARTZ-ZINC®
ARCHITECTURE FIRM: GABOR LORANT ARCHITECTS
PHOTO CREDIT: GILBERTSON PHOTOGRAPHY*

→ CUSTOMISED DESIGNS AND MESSAGES

Incorporation of a brand logo or signature, transfer of a digitised image or design created by the architect, VMZINC® customises buildings. The perforations are made on VMZ MOZAİK cassettes in a broad variety of different formats.



*ROUERGUE BOWLING ALLEY, ONET-LE-CHÂTEAU, FRANCE
VMZ MOZAİK - QUARTZ-ZINC®
ARCHITECTURE FIRM: ERIC GADOU
PHOTO CREDIT: CHRISTIAN BOUSQUET*