

VM ZINC®

**TAKE A WALK ALONG
THE
BOULEVARD DU ZINC**

**Meet us at Batimat
Hall 1 - Aisle G - Stand 50**

**From November 3rd to 8th 2003
Parc des Expositions - Porte de Versailles**

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VM ZINC®

Art and material

VM ZINC, the international brand of rolled zinc products made and marketed by the building products unit of the Belgian Umicore group, has built the “Boulevard du Zinc” at BATIMAT for all those who love this exceptional material.

A walk along the Boulevard opens up a variety of complimentary universes ...
On the stand interactive terminals, models and informative displays arouse the visitor's curiosity. VM ZINC professionals are there to guide you along the way.

As you pass under the great arch designed by the Ateliers d'Art Français to begin your walk, you enter a world of zinc. Stroll down the “Boulevard du Zinc” and let yourself be guided, step-by-step, through the different universes of zinc. You will encounter a host of applications:

ROOFING “Les idées zinc sur le toit”: ideas for zinc on the roof will introduce you to the VM ZINC ribbed roof, a new “industrial” standing seam system for large roof areas. The traditional standing seam and roll cap techniques and warm roof systems will also be displayed.

ROOF FINISHING ELEMENTS “Le zinc leur va si bien...”: zinc suits them so well that a large area has been reserved for ventilation and waterproofing accessories for tile roofs (ventilated ridge and hip closers, ventilated zinc tile, etc) and slate roofs (continuous ventilated ridge, ventilated eaves flashing, INTEGRA roof vent, etc) .

FACADE “La tendance est au zinc”: zinc is **the** trend and is shown off in the array of cladding techniques in VM ZINC. Two new products, Sine Wave Profile and FPS and HPS cassettes (see press release) have arrived to enrich the range.

RAINWATER EVACUATION SYSTEMS “La pluie aime le VM ZINC”: the rain loves VM ZINC and its gutters match local aesthetics and traditions. The extensive range (10 models) compliments the different surface aspects and highlights our complete rainwater evacuation system: stop ends, elbows, pipes, hopper heads, self locking brackets and rainwater diversion pipes.

ATELIERS D'ART FRANCAIS: Dormers, finials, weathervanes and small elements take centre stage to lend a decorative touch to the stand.

All these products are displayed on mock-ups in the full palette of VM ZINC surface aspects. The new product: ANTHRA-ZINC® NG – New Generation - will be presented exclusively at BATIMAT. It will go on sale in January 2004.

Have fun and learn as you stroll along the “Boulevard du Zinc”.

Roofers and distributors can join in QUIZZINC.

Each participant who has a game card replies to questions about VM ZINC at three interactive terminals. 100,000 cards will be distributed before Batimat, mainly by the 250 VM ZINC® Centres throughout France. They will also be available on the stand.... for the absent-minded. Those who are crazy about zinc can win one of six digital cameras and those who are hooked on the material will leave with the “Guide de A à Z”, a new alphabetical guide full of tips and ideas about zinc.

Inspiration and aesthetics: the FOCUS ON ZINC ARCHIZINC TROPHY

At Batimat 2003 VM ZINC® is launching the first edition of the ARCHIZINC TROPHY for French and international architects.

The idea: to highlight their creations in Focus on Zinc and reward the best projects in VM ZINC by featuring them in this architectural magazine.

Published since 1997 with 80,000 copies distributed in 11 languages, Focus on Zinc demonstrates the diversity of the VM ZINC solutions that meet the expectations of designers with examples of the creation of varied architectural projects throughout the world.

There are four building categories: Collective Housing, Individual Housing, Public Buildings and Commercial Buildings.

The Jury will also award two Special Prizes for “Innovation” and “Tradition”.

The rules and registration files for this contest are available to architects on the stand. These visitors will be greeted personally on the mezzanine. All registration materials must be received before December 31 2003 and a jury* of specialists will meet on February 5 2004 to judge the entries.

On the VM ZINC stand specifiers can see, on multimedia terminals:

- ✓ The preparation of an issue of Focus on Zinc
- ✓ International creations in VM ZINC

*** Composition of the Jury:**

- **Dominique Boudet**, *former Chief Editor of the AMC journal, Le Moniteur Architecture, Chairman of the ARCHIZINC Trophy Jury;*
- **Jean-Pol Borremans**, *Chairman of the board of the Belgian Conseil National de l'Ordre des Architectes;*
- **Dirk JAN POSTEL**, *architect, senior partner of the Kraaijvanger Urbis architectural firm in the Netherlands ;*
- **Jacques Fazilleau**, *engineer, graduate of the Ecole centrale de Paris, Chairman and Managing Director of the Société GEC, member of the building bureau, SYNTEC Ingénierie, Treasurer of the OPQIBI;*
- **Gilles de Montmarin**, *Architect DPLG, Deputy Director SEMAPA (SEM Aménagement de Paris);*
- **Raphaël Hacquin**, *Administrateur civil, Deputy Director of the Métiers et de la Promotion de l'Architecture et du Patrimoine - Direction du Patrimoine et de l'Architecture (professions for the promotion of architecture and heritage, department of heritage and architecture);*
- **Laurence Crosland**, *urban planning architect, member of the French national board of the Ordre des Architectes;*
- **Lionel Dunet**, *architect DESA, member of the French national board of the Ordre des Architectes;*
- **Frédéric BOREL**, *architect, Paris;*
- **Christopher Smith**, *Head of Communication and Director of Publication of Focus on Zinc, Umicore France;*
- **Roger Baltus**, *architect and engineer, Head of Business Expansion, Umicore France;*
- **Céline Habert**, *architect in the Technical Assistance Department, Umicore France.*

Close up on Zinc

VM ZINC® skilfully combines the essential tools for architectural creation. Its wide range of products offers distinctive and original surface aspects. This warm, luminous, highly expressive material responds freely to the play of light, its colours shifting to reflect the changing hues of the sky. The material inspires and desires transformation in the workshop or on the building site.

Natural VM ZINC has a slightly shiny metallic aspect initially. It develops its semi-matte light grey patina within six months to two years depending on its environment and the location of the building.

- **Pre-weathered zinc** products have a patina on installation. QUARTZ-ZINC® is a pre-weathered zinc with a velvet grey aspect close to the aspect of Natural VM ZINC after it has been exposed for several years on a roof. It is especially popular for renovations where it merges with older zinc. It is often used on facades or roof undersides where the patina takes longer to form.

ANTHRA-ZINC® NG is a slate grey pre-weathered zinc which blends perfectly with slate with which is often associated.

Presented exclusively at BATIMAT, this New Generation product extends zinc's areas of application. It offers numerous advantages: very stable even in an aggressive environment - less susceptible to finger marks - no restrictions on facade applications - resistance to corrosion.

- **Bilacquered VM ZINC** is obtained by applying a polyester lacquer. It is available in six colours: stone white, tile brown, copper green, macao brown, slate grey, sky blue. It provides truly aesthetic solutions for contemporary projects and can easily be combined with other materials. Scratches do not cause scaling or rust marks. The zinc exposed in this way protects itself by forming its natural patina.

The qualities of VM ZINC are the foundation of architectural expression:

✓ Aesthetics

VM ZINC® is available in 9 surface suspects. Because of its mechanical and aesthetic flexibility it lends itself to the creation of an often original, sometimes unexpected, but always happy marriage with other materials: wood, brick, cement, glass, etc.

✓ Malleability

Architects have unlimited creativity which can be perfectly expressed with VM ZINC. The material is applied in strips and can therefore adopt any shape. It can be bent to fit curves with low radiuses and form complex shapes which are difficult to realise with other materials.

✓ **Optimum Investment**

Zinc is not sensitive to corrosion: it protects itself by developing a patina. It requires no maintenance. Because of the properties of the metal (aspect, quality) it lasts for up to 40 years in an aggressive urban environment and up to 100 years in a protected rural environment.

✓ **Easy to specify**

Zinc can be laid on slopes from 5%, to vertical. It allows a varied range of construction layouts and the management of complex details which are impossible to realise with other materials.

It adapts to local professional particularities, to regulation or comfort requirements specific to each building.

✓ **Natural and recyclable**

A natural primary material, zinc can be recycled indefinitely which benefits all the players in the chain.

A traditional metal, zinc has long since convinced roofers of its advantages. Today architects and owners demonstrate their attachment to the material. Their enthusiasm is expressed in the application of zinc to all the functions of a building and in the adaptation of the material to all architectural styles.

The architect can now see his projects taking form in the expert hands of the roofer who transforms the zinc. The building envelope comes into being, light and contrasting shadows play with one another. Zinc asserts itself...

VM ZINC[®] between the lines

In the '90s Vieille Montagne, known by roofers in France for over 160 years, became VM ZINC[®], the international brand for rolled zinc products and transformed accessories made and marketed by the Building Products Unit of the Belgian group, Umicore (previously Union Minière), leader in non ferrous metals.

Today, the uncontested leader in France, Belgium and most European markets, the Building Products Unit has embarked on developing internationally.

The activities of VM ZINC[®], all ISO 9001 certified since February 1998 are divided among four production sites in France: Auby (51) - Viviez (12) - Bray-et-Lû (95) - Neuilly-sur-Marne (93) and an administrative site Bagnolet (93).

The VM ZINC range is divided into four product families: Roofing – Finishing elements for roofs - Facade - Rainwater evacuation systems.

Umicore also produces and sells a wide range of ornaments under the brand name “Ateliers d’Art Français”.

In France, this VM ZINC® range is distributed through a network of 250 selected VM ZINC Centres. This special distribution system is one of the strategic choices of the brand.

VM ZINC® considers itself to be the guarantor of perfect quality zinc, from production plant to installation on the building site. This high standard of quality is ensured at all times by experienced professionals throughout the technical and sales chain.

Design Assistance Office for specifiers:

Made up of architects and draughtsmen, its mission is to:

- carry out feasibility analyses with 3-D models,
- develop specifications for buildings in zinc,
- design working drawings and detailed plans for the installation of zinc,
- establish a cost approach and quantity estimate for tailor-made products for complex shapes,
- study and develop innovative ideas.

Technical Assistance to contractors:

The technicians based at Bagnolet or in the provinces, are busy every day: they manage the typical situations encountered in the field reliably and quickly. They:

- provide information on the products in the catalogue,
- provide material on the installation of VM ZINC,
- provide information on the regional distribution network,
- offer the rental of high-performance building site machines,
- carry out studies for simple tailor-made Roll Cap and Standing seam solutions.

PRO-ZINC courses:

These training modules are designed to help perpetuate the profession of zinc roofer.

This programme is aimed at professionals and offers training courses in roof, facade, rainwater evacuation systems and ornamentation installation techniques for VM ZINC.

These courses are given at the PRO-ZINC training centre or in professional secondary schools, CFA, in the company or on the building site... in real life working conditions with life-size mock-ups.

Because of its comprehensive, reliable and innovative solutions, VM ZINC® is an indispensable partner for building professionals.

Web sites: www.vnzinc.fr / www.vnzinc.com