

VMZINC® & RETROFIT

Retrofit of existing buildings is an important issue for architecture and construction because it enables the preservation and enhancement of built heritage. Much more than just simple revamping, it requires creativity, understanding and finesse to revisit a building, add vertical or horizontal extensions to it, improve the comfort of its occupants or bring it in line with current standards. For each of these cases, VMZINC[®] zinc and systems provide pertinent solutions.



- >Extensions
- >Aesthetic metamorphoses
- >External thermal insulation



Collective housing, Strasbourg (France) - Architect: MS2a-architectes - Technique: VMZINC® Standing seam in QUARTZ-ZINC®



Grafted onto an existing structure, additions to buildings (horizontal and vertical extensions) make it possible to give new life to a building faced with new requirements. Whatever these additions, the choice of a new envelope material depends on the aesthetics sought by the architect, who may want integration or contrasts. Modern and organic, VMZINC[®] zinc and solutions lend themselves incredibly well to combinations of materials.



<image>

Individual housing, Lisbon (Portugal) - Architect: Humberto Conde - Technique: VMZINC Standing seam in QUARTZ-ZINC® - Photo: Joao Morgado-architecture photography

The graphic plays of VMZINC[®] systems (strips, panels, shingles, raised or recessed joints) enable contrasts and make it possible to reinterpret existing facades.





Communal house, Meursault (France) - Architect: Simon Buri and Jung Architectures - Technique: VMZINC® Standing seam in AZENGAR® - Photo: Martin Argyroglo





National Conservation Centre, Stirling (UK) - Architecte: Historic Scotland - Technique: VMZINC® Standing seam, VMZINC® Flatlock panel and VMZINC® Composite in ANTHRA-ZINC®

When imitation is impossible, the only alternative is to assert one's difference. With their nuanced colours, VMZINC® preweathered products enhance contemporary changes.





Town hall, Augerolles (France) - Architect: Armando Alvès - Technique: VMZINC $^{\circ}$ Composite in PIGMENTO $^{\circ}$ red



Individual housing, Rennes (France) - Architect: in[side]out - Technique: VMZINC® Standing seam in AZENGAR®





Individual housing, Brenna (Italy) - Architect: Riccardo Cassina-Corrado Spinelli Architetti Studio Associato -Technique: VMZINC® Sine wave profile in PIGMENTO® green - Photo: Pier Mario Ruggeri



By definition, zinc is an urban material. Its colours blend with practically all types of contexts, whatever the neighbouring roofing materials (tiles, slate, metal...).





Individual housing, Montrouge (France) - Architect: Overcode -Technique: VMZINC® Standing seam in ANTHRA-ZINC® -Photo: David Foessel





A true material for architectural creations, zinc unites the old and the new. It is formed to create discreet junctions between the most heterogeneous sections, forms and materials.





Gemeindehaus Eschbach (Germany) - Architect: Seifert-Eggen - Technique: VMZINC $^{\circ}$ Shingles in QUARTZ-ZINC $^{\circ}$ - Photo: Doppstadt Photography





Medical center, Colmar (France) - Architect: Next ID -Technique: VMZINC® Standing seam in ANTHRA-ZINC®

The variety of the VMZINC® offer makes it possible to respond to all architectural styles, even the most inventive.











In the context of retrofits, the objective is the overall improvement of the existing building, in a spirit of renewal and modernity. New cladding makes it possible to give the building a more legible form, or on the contrary, to make it more singular, symbolising the contemporary intervention. The mutation of a building can also come from a change in use of the premises, which are to be re-used and transformed. Retrofit is sometimes an opportunity to give a second life to the ruins of a building that is to be resuscitated.





Bureaux Carsat, Clermont-Ferrand (France) - Architecte : CRR Architectes - Technique : VMZINC® Standing Seam in QUARTZ-ZINC®, PIGMENTO® green et PIGMENTO® red

Today, clients and architects are turning to materials of superior quality that are less expensive than other solutions over the long term.





ITSS School (Labor Inspection and Social Security), Madrid (Spain) - Architect: Luis Arranz - Technique: VMZINC® Flatlock panel in QUARTZ-ZINC® - Photos : Antonio Ramos





SEDE G&B, Villastellone (Italy) - Architect: Oscar Battagliotti Architetto - Technique: VMZINC® Standing seam in QUARTZ-ZINC® and VMZINC® Interlocking panel in ANTHRA-ZINC® - Photo: Pier Mario Ruggeri



Cultural center Krea, Vitoria (Spain) - Architect: Roberto Ercilla Arquitectura - Technique: VMZINC® Standing seam in QUARTZ-ZINC®



VMZINC® solutions give character to retrofits and enhance them. A noble and durable material, it makes rehabilitated buildings a sustainable part of built heritage.





Daoiz y velarde Cultural Center, Madrid (Spain) - Architect: Rafael de La-Hoz Arquitectos - Technique: VMZINC® Standing seam in Natural Zinc - Photo: Alfonso Quiroga





Ex-sellerie, Turin (Italy) - Architect: Studio Associato di Architettura Comoglio Architetti - Technique: VMZINC® Interlocking panel and perforated panels in PIGMENTO® green - Photo: B. Giardino

With its various solutions and surface aspects, the VMZINC® offer provides its singularity and its modernity for the transformation, and sometimes the metamorphosis of a building.





Newcastle College Parsons Tower, Tyne & Wear (UK) - Architect: Redbox Design Group - Technique: QUARTZ-ZINC® PLUS and ANTHRA-ZINC® PLUS





Resaurant, Durtol (France) - Architect: Mines - Technique: VMZINC® Standing seam in QUARTZ-ZINC® - Photo: Sylvain Jouve





Hospital, Riom es Montagne (France) - Architect: Trinh et Laudat - Technique: VMZINC® Interlocking panel in PIGMENTO® brown

Zinc is lightweight and blends naturally with wood, a multi-purpose material enabling prefabrication. These lightweight structures can be installed without constraints on old supporting walls.





Individual housing, Silkeborg (Denmark) - Technique: VMZINC[®] Standing seam in natural zinc - Photo: SR Reklame fotografi





Individual housing, Wondelgem (Belgium) - Architect: Dirk de Meyer-DDM Architectuur BVBA - Technique: VMZINC® Standing seam in ANTHRA-ZINC® - Photo: Jump Picture





Private house & Offices building, Kortrijk (Belgium) - Architect: KLARTE Architecten - Technique: VMZINC[®] Sine wave profile in QUARTZ-ZINC[®] - Photo: Jump Picture





Passivhaus, Wachtberg (Germany) - Architect: Raum für Architektur, Kay Künzel und Partner - Technique: VMZINC® Standing seam in ANTHRA-ZINC®, QUARTZ-ZINC® and PIGMENTO® green



External thermal insulation

Because of environmental issues imposing new standards, in particular thermal standards, the importance of retrofit is constantly growing. These often lead to external thermal insulation work, for which VMZINC[®] provides effective wall-mounted cladding systems.

External thermal insulation

Making buildings compliant with thermal regulations is often an opportunity to change their appearance. Zinc is a modern material and provides a lasting, sustainable watertight skin.

Offices, Lyon (France) - Architect: Face A... - Technique: VMZINC® Standing seam in QUARTZ-ZINC®

Leget by, Vejle (Denmark) - Architect: Pluskontoret A/S Arkitekter MAA - Technique: VMZINC® Interlocking panel in Natural Zinc - Photo: Jesper Balleby

External thermal insulation

ETI eliminates thermal bridges and energy losses. Lightweight and malleable, rolled zinc is installed over the entire height of buildings and protects the insulation.

Collective housing, Nantes (France) - Architect: Agence Nomade - Technique: VMZINC® Standing seam in QUARTZ-ZINC® and PIGMENTO® green - Photo: Luc Boegly

External thermal insulation

The low grey energy of VMZINC® solutions, which is the lowest of all metals used in building envelopes, is an acknowledged environmental quality.

Collective housing, Clermont-Ferrand (France) - Architect: Atelier Imagine - Technique: VMZINC® Standing seam in PIGMENTO® red, VMZINC® Composite and VMZINC® Sine wave profile perforated in QUARTZ-ZINC®

Collective housing, Moulins (France) - Architect: Didier Allibert Architecture - Technique: VMZINC[®] Overlapping panel in QUARTZ-ZINC[®], ANTHRA-ZINC[®] and AZENGAR[®]

External thermal insulation

Perforations are possible on customised systems and solutions. These allow the zinc to become a protective screen, filtering part of the sun's heat and light.

Highschool, Prades (France) - Architects: Gotanègre & Vermeersch-Chamard & Fraudet - Technique: Corrugated and perforated panels in QUARTZ-ZINC®

Make an appointment for a personal consultation.

VM BUILDING SOLUTIONS UK COLLIER HOUSE, MEAD LANE, HERTFORD, HERTS, SG13 7AX TEL 0203 445 5640

info.@vmbuildingsolutions.com vmzinc.uk@vmbuildingsolutions.com www.vmzinc.com www.vmzinc.co/uk

