



Al Shera'a - DEWA Head Quarter, Dubai

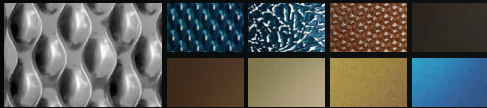
MBT, Managing Building Technologies provide a unique service to architects, consultants, interior design companies in the construction industry by supplying the widest range of metal finishes. Fixing and insulation product used for roofing, cladding and interior application. More importantly, the company provides comprehensive technical support throughout all stages of a project, whether large or small.

Building designs have become increasingly complex and provision of such advice has taken on far greater importance as architects seek ways to enhance building aesthetics for interiors and external application and achieve a higher standard of sustainability.



## STAINLESS STEEL

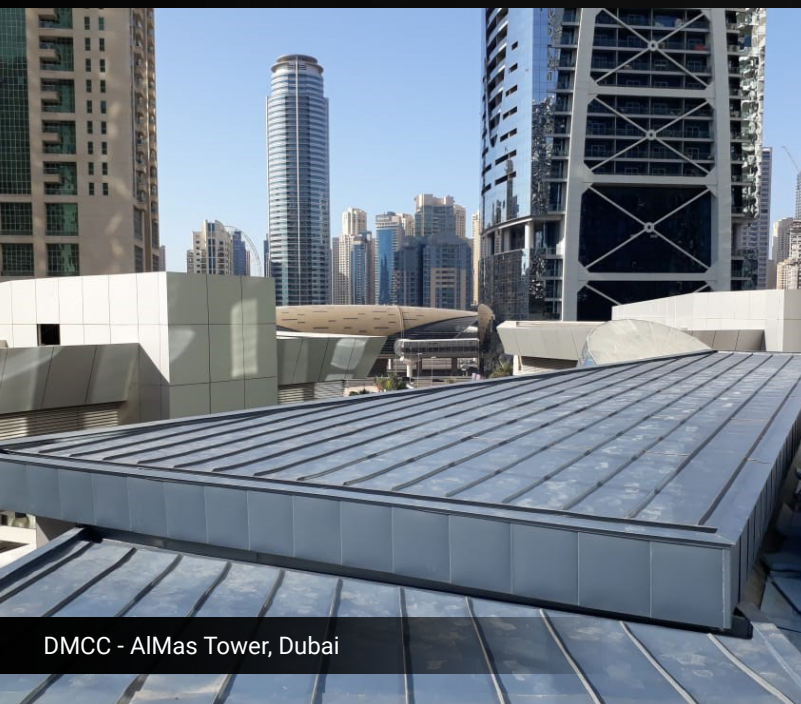
Through our exclusive arrangement with Rimex Metals we bring wide range of surface finishes for lift, elevator, cladding industry. Rimex systems utilise a high proportion of recycled material in order to greatly reduce environmental impact. Finishes include patterned, mirrored, brushed, belt and satin polished, bead-blasted and impressed. Random and symmetrical designs provide a modern, dramatic appearance while patterned finishes obscure localised impact damage and provide anti-vandal surfaces. A wide variety of colours and textures provide varying degrees of light reflectivity.



Museum of the Future, Dubai



Jumeirah at Saadiyat Island Resort, Abu Dhabi



DMCC - AIMas Tower, Dubai

## ZINC

MBT has over a decade of experience in Zinc products. Used as a building material since the 19th century, zinc has countless aesthetic and functional advantages that make it a highly prized building material. Designed to endure, titanium-zinc from elZinc is a long-lasting material that maintains its properties intact over the lifetime of the building. One of most significant properties of zinc is its high corrosion resistance. Titanium-zinc is a living material and develops a self-healing patina throughout its lifetime that continually protects it and confers to it a characteristically unique appearance. In addition, elZinc® doesn't require special maintenance during its long service life.

1. Zinc is a sustainable building material
2. Colourful pre-weathered finishes
3. elZinc is an ideal material for projects that require functional and attractive envelope
4. **A1 – non-combustible** for roof or façade cladding as per the UNE-EN 13501-1:2007+A1:2010 standard
5. elZinc® offers a huge variety of surface aspects which creates a vast number of design possibilities
6. **Malleability:** elZinc® conforms to practically any shape including bends and complex geometric forms. This gives architects great freedom in their designs.
7. **Durability:** elZinc® has a very long life. One of the most important characteristics of zinc is that it is very resistant to atmospheric corrosion.





# CELLULAR GLASS INSULATION- FOAMGLAS®

FOAMGLAS® Cellular Glass Insulation, established for over 80 years, and part of the part of Owens Corning, a global manufacturer of insulation, roofing and fiberglass composites. FOAMGLAS® offers various grades of thermal insulation to suit application for total building envelope. Non-deforming nature of product, when subject to high compressive loads, allows designers and engineers to benefit from minimal penetrations to the bearing sub structure via means of proprietary fixing systems developed and extensively certified by FOAMGLAS®, including systems for standing seam roofs, stone slabs secured via pedestals, etc. Material characteristics including thermal performance, structural stability, vapor tightness of FOAMGLAS® remain validated by 3rd party Consultant for extended project lifecycle, ensuring Specifiers of the longevity of product properties, whilst also complying to local fire authorities' requirements, as FOAMGLAS® is Euroclass A1 non-combustible. The product is also a 100% recyclable with LEED & ESTIDAMA credibility, FM Approvals, EPDs and certified by NaturePlus, GreenSpec.



Water-Proof



Pest-Proof



High Compressive  
Strenght



Non-Combustible



Impervious to  
Water Vapour



Ecological



Acid & Chemical  
Resistant



Dimensionally  
Stable

FOAMGLAS®



National Museum of Qatar, Doha



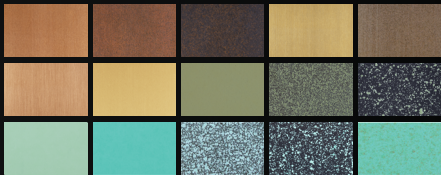
Oman Across Ages Museum, Nizwa

## COPPER

MBT offers Aurubis Nordic Copper for a complete external skin, wrapping around complex building forms with material continuity. Alternatively, copper can give distinctive character to individual facade or roofing elements, particularly when used in conjunction with other high quality materials. Besides, there is growing interest in the use of copper for interior design.

Given the impressive sustainability and environmental credentials of copper we have noticed a significant surge in the usage of copper in for roofing and cladding applications over the last few. This material includes internal processing scrap (around 50-60% of the recycled material). Embodied energy and global warming potential figures are therefore less than half those for copper generally.

Aurubis



Private Villa Umm Al Sheif - Khalid Al Mutairi

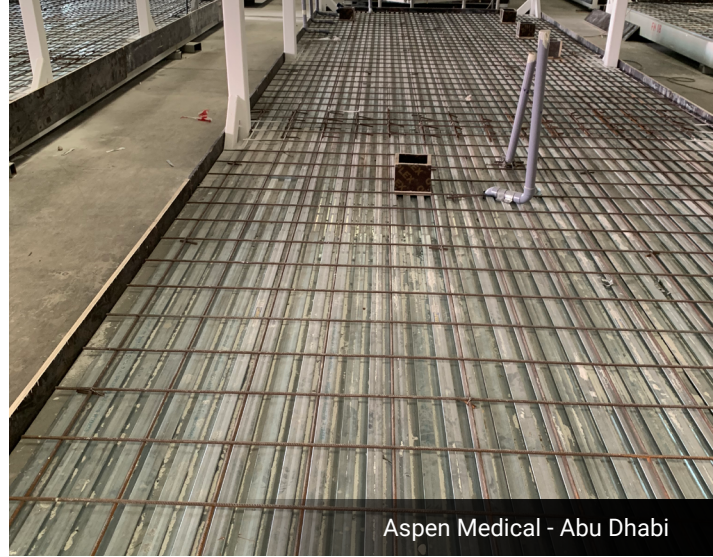


## LEWIS® METAL DECKING

### High-performance structural floor, roof and facade solutions.

LEWIS Dovetailed metal decking is a self supporting, light gauge galvanised steel reinforcement sheet, used for shuttering and reinforcing lightweight concrete or screeded floors of limited thickness (50 mm). Used in a composite floor construction LEWIS® Dovetailed metal decking provides a first class solution for fire protection, acoustic issues and Under Floor Heating & Cooling within floors.

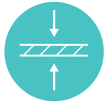
LEWIS



Aspen Medical - Abu Dhabi



Low dead weight  
(from approx.  
0.9 kN/m2)



Thin floor  
thickness (from  
50 mm)



High  
permissible  
load



Spans (centre to  
centre) up to 2500  
mm



High Impact &  
airborne sound  
insulation



Fire resistance  
up to 120  
minutes



Flexible  
system  
construction



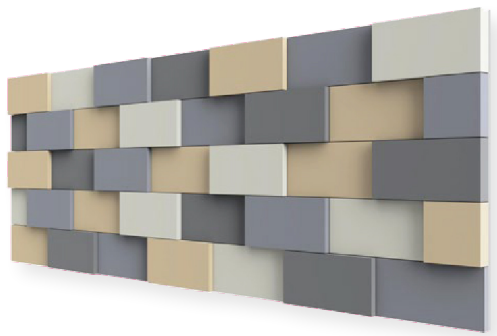
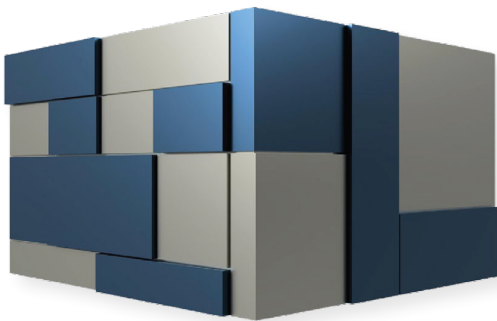
Manufactured  
from high quality  
steel



Sustainable and  
cost reducing  
solution



Easy to  
install  
—




## EVOQ


### MBT EVOQ PANEL


MBT-EVOQ is a modular wall panel system available in Aluminium, Zinc, Copper and Stainless Steel material that offers design versatility by incorporating the options of flat panels with those of different panel depths, sloping panel faces and even face perforations, into an easy-to-install factory engineered rain-screen system. The simplicity of panel installation coupled with a dry seal joint means the MBT-EVOQ rain-screen design provides continuous horizontal venting of the facade, allowing the cavity behind the panels to remain dry, thus minimising the destructive forces of material degradation, bacterial growth and condensation which are otherwise often experienced in less sophisticated cladding systems. MBT-EVOQ produces and delivers a low maintenance, highly aesthetic facade, available in three different design options.

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