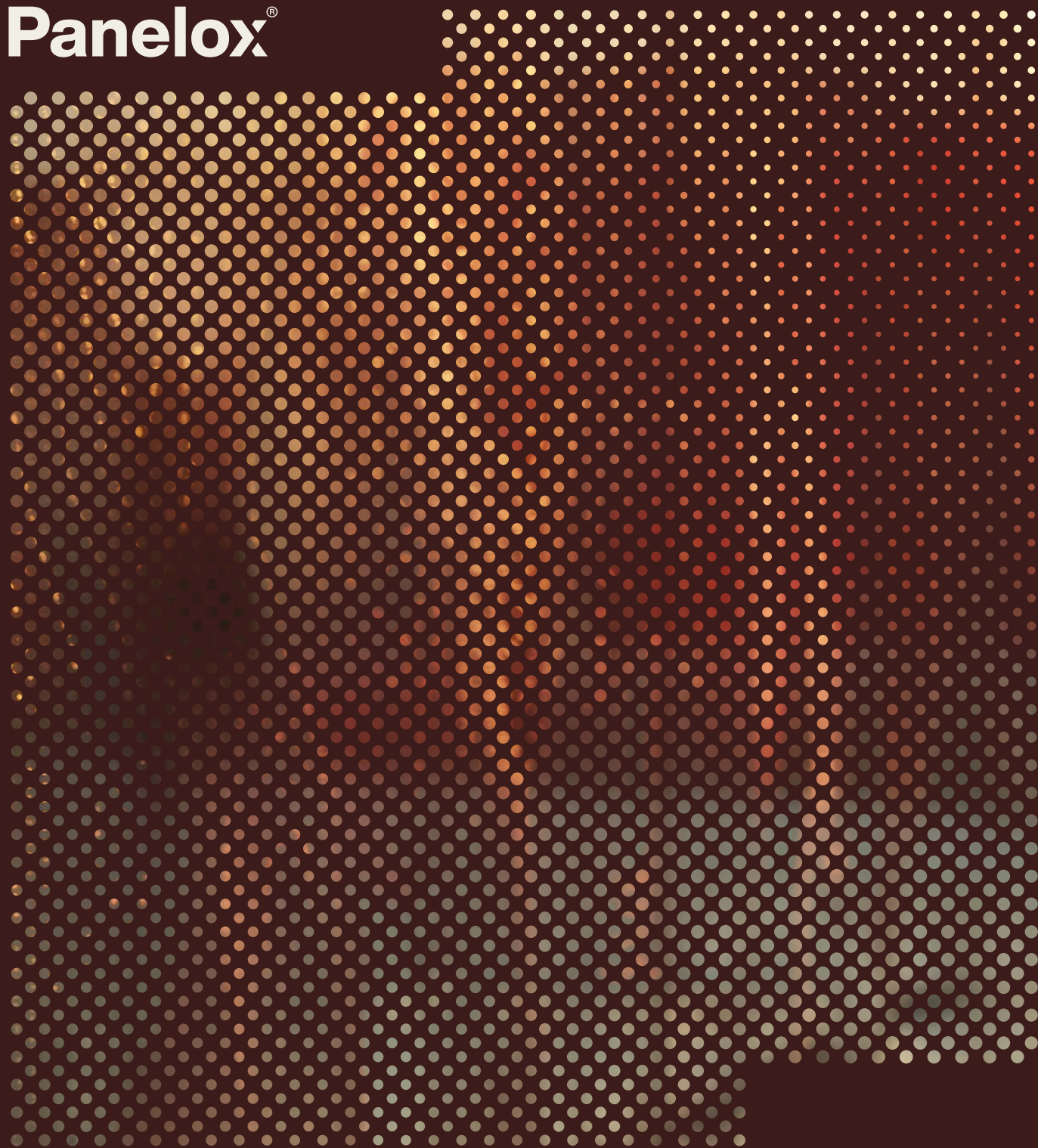
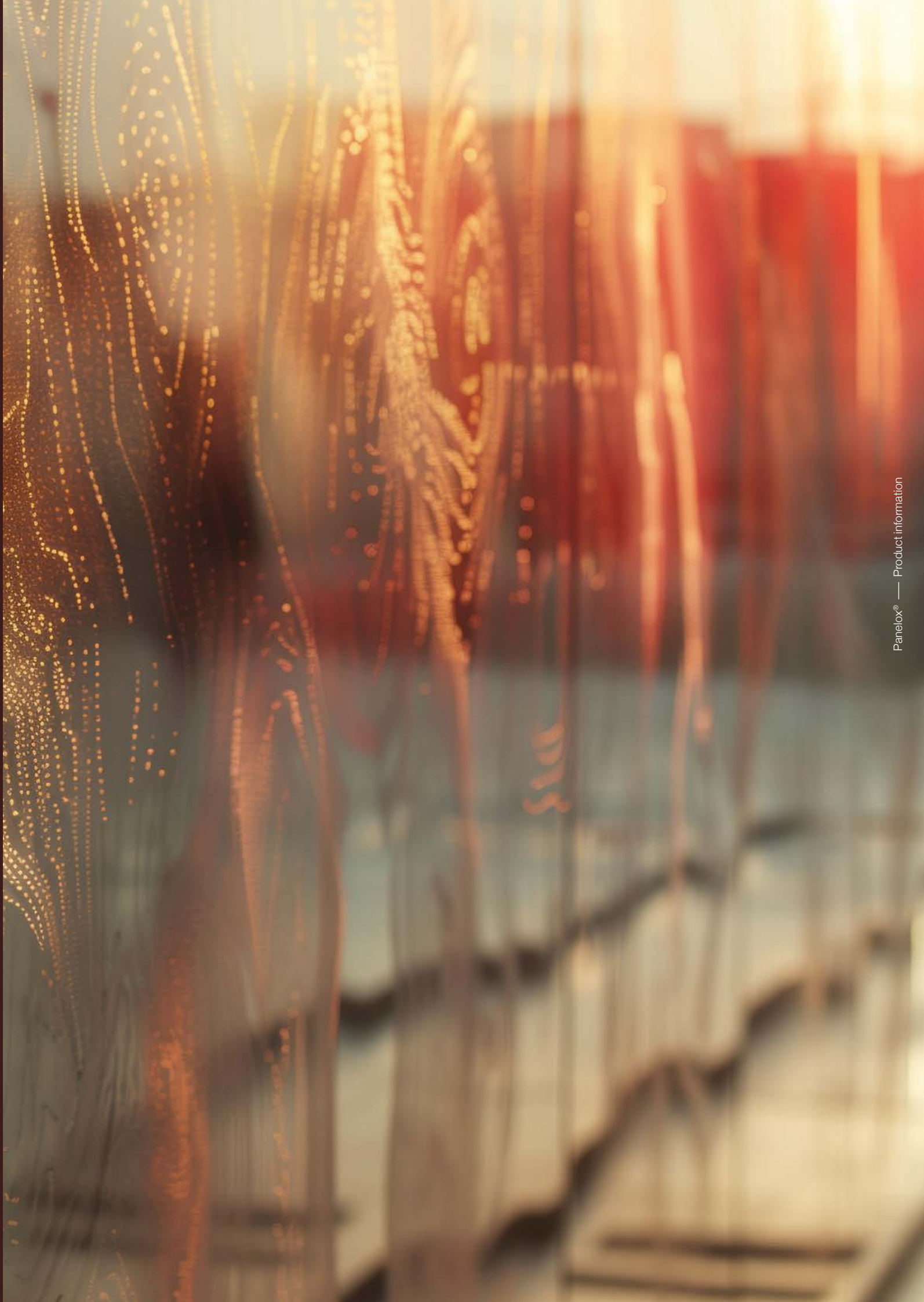


Panelox®



Reflect the art
of storytelling





Panelox® stands for the power of human creativity. It invites architects and designers to break free from the confines of traditional materials. Their visions can take form in the most stunning ways possible through a reinvented traditional art of etching.



— Panelox® is not just about a product; it's about redefining architectural expression with limitless creativity in structures, patterns, designs and colour combinations. The double anodization process allows for the design of stunning and unique façade cladding through the art of modern craftsmanship. Next to this, it represents a commitment to environmental sustainability, with each panel being 100% recyclable, reflecting a forward-thinking approach to design that values both beauty and the planet.

Rust — AluCopper01 × AluCopper01



Flower — AluNature x AluNature



Frozen — AluBlack01 x AluBlack01

Our projects showcase our commitment to technical excellence and innovative solutions, ensuring long-term material quality for leading organizations while enhancing architectural designs.

Featured projects

Oman Across Ages Museum — Oman

Villa Switzerland — Switzerland

OurDomain — The Netherlands

Lucky Apple — The Netherlands

Visit our website to explore our renowned projects from around the world for more inspiration.

[Learn more](#)



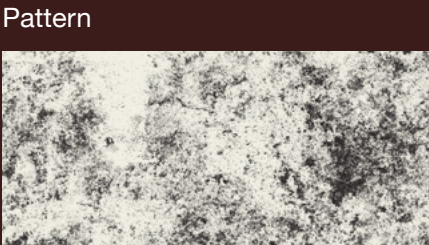
Oman Across Ages Museum

The striking design of the Oman Across Ages Museum spans approximately 40,000 square meters and is inspired by the geometric lines of the Hajar Mountains and its ravines. The new Renaissance museum narrates the story of Oman from prehistory to the present, focusing on the Renaissance period. During this era, Oman experienced development and growth under the leadership of His Majesty Sultan Qaboos. This inspired COX Architects to design the monumental project.

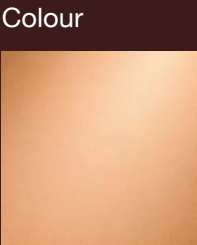
Project
Oman Across Ages Museum

Location
Nizwa, one of the oldest cities in Oman

Architect
COX architecture

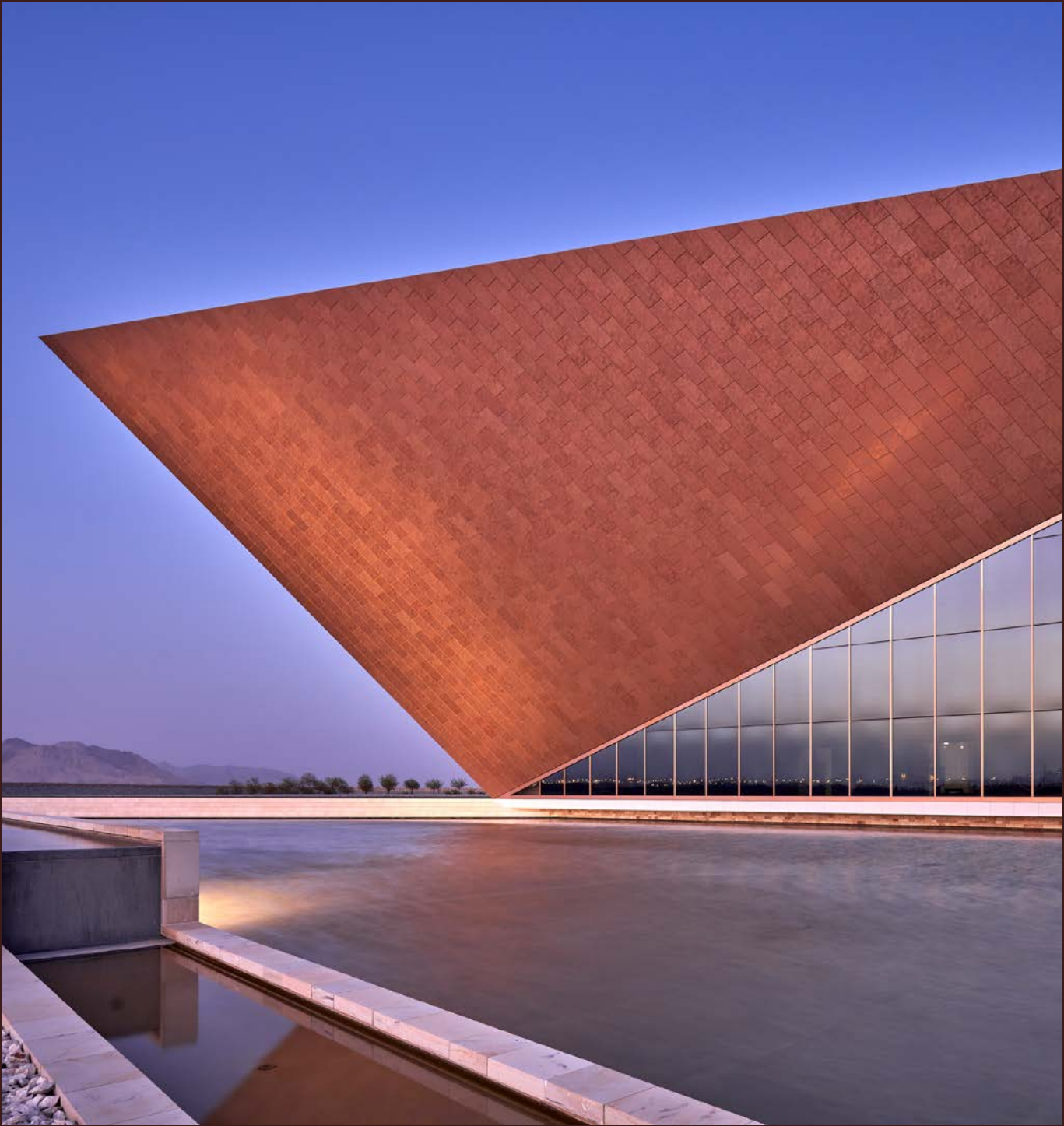
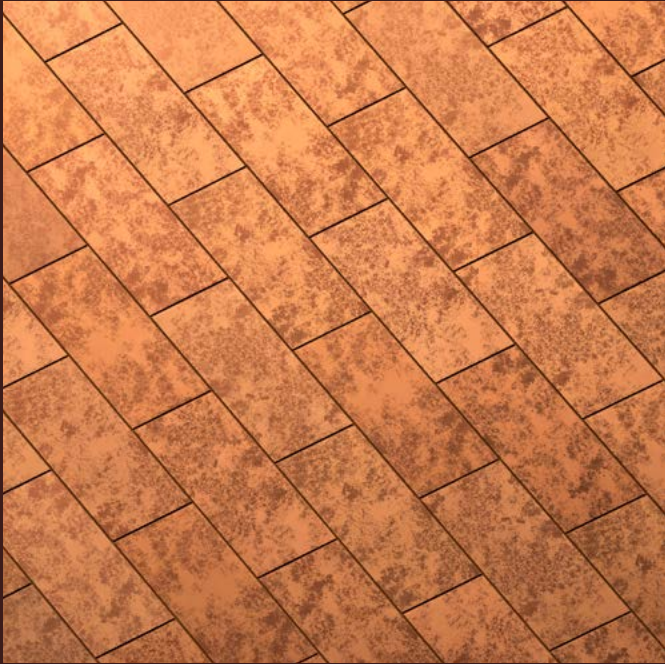


Rust



AluCopper01





The copper facade speaks

The distinctive triangle consists of over 2,000 panels. The double anodized panels in our Panelox® technique are anodized in AluCopper01 colour with a “Rust” pattern. The facade concept perfectly complements the unique landscape. The building appears to emerge from the soil of Oman. It harmonizes the landscape with stories of human enlightenment and achievement. The window frames are also anodized in AluCopper01.

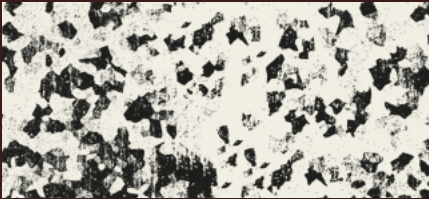
Learn more



Villa Switzerland

Nestled in the scenic heart of Switzerland, this luxurious villa showcases a stunning facade fully crafted using the innovative Panelox® technique. Spanning over 700 square meters, the composite panels are adorned with our exquisite Zinc pattern, finished in the sophisticated colour AluBronze01. This architectural masterpiece seamlessly blends cutting-edge design with the timeless elegance of its Alpine surroundings.

Project
Villa Switzerland
Location
Switzerland
Architect
Contractplan AG

Pattern

Zinc

Colour

AluBronze01





Gleaming mineral veins

Despite its origins in the constraints of its building site, the structure's distinctive angular shape has been turned into a feature through its façade design. Clad in AluBronze01 Panelox® Zinc tray panels, the building's façade sparkles with glossy reflections on a bi-layered silk-matt surface, reminiscent of sedimentary rock interlaced with delicate, gleaming mineral veins. Nestled amidst the sophistication of Zurich and its nearby foothills, the building's unique and refined architecture may only catch the eye of the most discerning observers.

Learn more





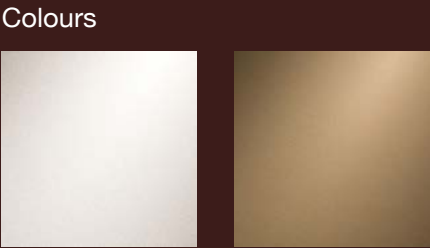
OurDomain

Situated in Rotterdam’s historic core, this 70-meter residential tower by Tangram Architekten offers a strategic location near the Science Axis. With panoramic city and river views, excellent accessibility, and urban conveniences nearby, the tower provides about 650 apartments for students and young professionals. Its lower levels include commercial spaces, enhancing street life. The facade, inspired by a 1940 photo of bombed Rotterdam, is adorned with AluBronze01 and AluBronze03 using the Panelox® technique.

Project
OurDomain
Location
Rotterdam, The Netherlands
Architect
Tangram Architekten



Custom — Based on an old photo of the bombed city in 1940



AluBronze01 AluBronze03





Reconstruction

The location of this building is historically charged. On May 14, 1940, the Germans bombed the historic city center of Rotterdam. A large part of the monumental houses and buildings was wiped out or went up in flames. OurDomain has emerged in the heart of the area where the German bombs hit the city. This part of the center was never built on after the war. The residential tower is considered one of the last puzzle pieces of Rotterdam's 'reconstruction'.

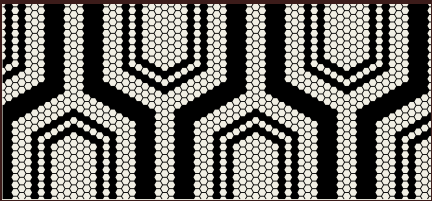
Learn more



Lucky Apple

Discover the newly opened Lucky Apple restaurant in Waalwijk, boasting captivating round shapes and a harmonious blend of materials and warm hues, complemented by a meticulously crafted aluminum buffet featuring an anodized finish in AluBronze02 and AluBronze03.

Project
Restaurant Lucky Apple
Location
Waalwijk, The Netherlands
Architect
Art2Go Interieurprojecten

Pattern

Custom

Colours
 
AluBronze02AluBronze03





Centerpiece

The international cuisines are spread over an impressive buffet. We anodized the panels of the buffet in AluBronze02 and AluBronze03 with a mosaic-shaped design of Art2Go interior projects. “Anodized aluminum is interesting for this project because of the combination of two warm colours and it is easy to maintain.”

Learn more





Technical specifications

Panelox® panels feature an anodized surface, suitable for both outdoor and indoor facades, as well as wall coverings. To keep true to the aluminum material, we utilize anodization instead of coatings or paint, allowing us to create the most sublime structures, surfaces, and colours. The anodizing layer on these panels can be etched and processed in one or two colours, highlighting the unique product components of Panelox®.

Core benefits of anodizing

Panelox® panels offer high solar reflectivity and a sleek metal appearance at an affordable price. Available in a wide range of colours and finishes, these durable, low-maintenance panels are fully customizable and feature environmentally friendly anodizing for lasting colour and performance.



Lightweight material



Low maintenance
(easy to clean)



Anodizing = Al_2O_3 =
100% reusable



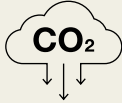
A1 Fire rating
(non-combustible)



LCA - Expected
lifespan of more
than 80 years



Ultra-durable,
corrosion-resistant
and colourfast



EPD - Low carbon
oxide emissions



Scratch resistant

Sheet dimensions

Panelox® is produced in sizes from 1000 x 2000 mm up to 1500 x 3000 mm. From these sheets smaller panels can be made, so that the design looks unique on each panel. If necessary, panels can be cut and turned 90, 180 or 270 degrees to enhance the uniqueness of the print. If that is not sufficient, it is also possible to work with different prints to create variety. Panels can be delivered with a thickness of 1, 2 or 3 mm.

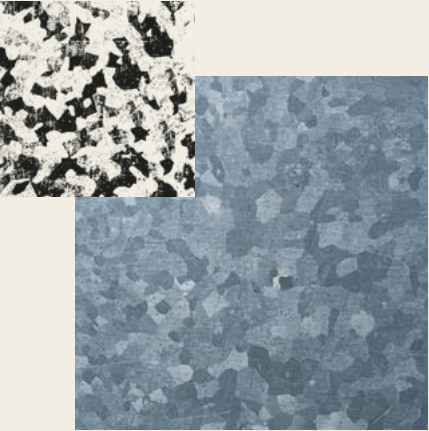
Sheets	1 mm	2 mm	3 mm
1000 x 2000 mm	✓	✓	✓
1250 x 2500 mm	✓	✓	✓
1500 x 3000 mm	✓	✓	✓

Create your unique design

Let your vision unfold into a refined, timeless masterpiece that distinctly reflects your architectural narrative. Share your ideas and vision with us, or submit your custom design in a high-resolution, black-and-white PDF at 300 dpi. (Please note that only black and white pixels are used in the pattern.)



Frozen



Zinc



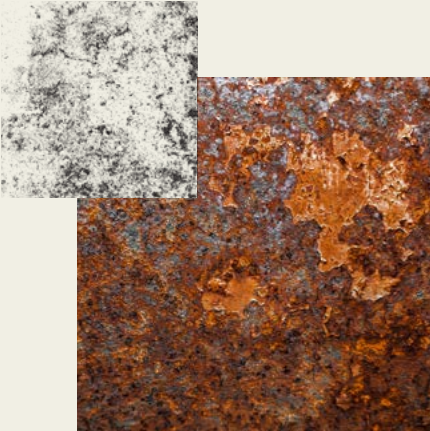
Flower



Stone



Fibre



Rust

Panelox® designs for inspiration

Six inspiring designs—“Zinc,” “Flower,” “Stone,” “Rust,” “Frozen,” and “Fibre”—are etched onto panels using a specialized technique. The final product can be finished in both gloss and matte, creating a 3D effect with the glossy layer on the surface. From a distance, the glossy sections catch the light, creating a dynamic, “living” image that shifts with the angle and lighting. These designs serve as examples of how colour and pattern interact on the panels.



AluNature01 AluBronze01 AluBronze02 AluBronze03 AluBronze04 AluBlack01



AluBrass01 AluBrass02 AluBrass03 AluOldCopper01 AluOldCopper02 AluOldCopper03



AluGold00 AluGold01 AluGold02 AluGold03 AluCopper01 AluCopper02



AluCopper03 AluRed03 AluBlue01 AluGreen01 AluGrey03 AluGrey04

Our colours

Available colours are gold, copper, red, brass and bronze tones. Black, grey, blue and green are available in one colour tone. In fact, all colours can be combined with unique designs. Our colours are made of depositing metal salts in the pores of the anodizing layer and are therefore extremely resistant against UV-radiation. The anodizing layer has a life expectancy of more than 80 years in outdoor exposure. All of our colours have a 40 year warranty.

Alumet has led in aluminum innovation for over 50 years, offering 36 anodization colours and Panelox® products to surpass client expectations with aluminum's authentic elegance.

About Alumet

Panelox® is initiated by Alumet; an avant-garde anodizing company that has been a preferred supplier to architects and designers like you for over half a century. With this ready- or custom-made product, we take great pride in the projects we collaborate on. Because when we can meet, or even surpass, the highest technical and aesthetic demands of our clients, we get to enrich our surroundings with the elegant and authentic characteristics of aluminum.





Contact and inquiries

info@panelox.nl

+31 (0)76 50 43 130

Panelox® is a product by

Alumet B.V.

Mon Plaisir 32

4879 AN Etten-Leur

The Netherlands

www.panelox.nl

www.alumet.nl