

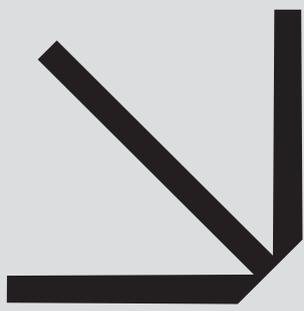
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EuropaELEMENT
SHADING & DECORATING SYSTEM



HUMAN ELEMENT *People and the environment* 02–07

MODULARITY *The power to transform* 08–09

FUNCTIONALITY *Materiality & Energy Efficiency* 10–13

OPACITY *Indoor Environments* 14–25

SPACE *Illuminating by obscuring* 26–37

EXPERIENTIAL
DIALOGUE *Co-creation & Customisation* 38–39



ELEMENT releases a generative power that can turn notion into physicality. It activates the space through transparency and opacity and initiates a dialogue between the building and its inhabitants creating new symbiotic connections with the environment. It is the human element.

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Element uses modularity,
transparency and opacity
to activate space,
rework form and functionality
and initiate an experiential
dialogue

between the building and
its inhabitants. It is the human
element.







IN At its core, it's all about the people, the inhabitants, and the new ways to be connected to the environment. Europa ELEMENT sheets serve as catalysts at this symbiotic relationship not only by improving the aesthetic signature of the spaces but also by establishing an efficient relationship with the environment itself.

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Modularity allows for the seamless integration of standardised and interchangeable elements into diverse architectural projects, providing the flexibility to adapt and transform spaces as envisioned. Europa ELEMENT aluminium sheets liberate expression by enabling adaptability and ease of construction through compositions that adhere to your unique vision. Sculpt and transform environments, adding your distinct expression signature while maintaining an aesthetic cohesion that speaks volumes about your design process.

Make efficient use of resources and enclose in your design toolkit the ability to accommodate future changes or expansions.



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True design brilliance lies in achieving the perfect synergy of aesthetics and functionality. Through innovative and meticulous craftsmanship, the Europa ELEMENT sheets have the remarkable ability to redefine the boundaries of form while they showcase unparalleled resilience. The lightweight, sustainable and extremely durable nature of the aluminium alloy

makes the construction process stress-free and effortless. It is in this fusion of form and function that aluminium sheets reveal their transformative power, reshaping the architectural landscape in inspiring ways.

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ALUMINIUM

Aluminium brings immense advantages to large constructions. Its lightweight nature eliminates the burden of excess weight on buildings, allowing for expansive surfaces without hefty support structures. Moreover, aluminium resists rust and ensures durability. Europa ELEMENT sheets combine aesthetics with functionality, offering a lightweight, rust-resistant, and low-maintenance solution that unlocks new possibilities for grand architectural projects.

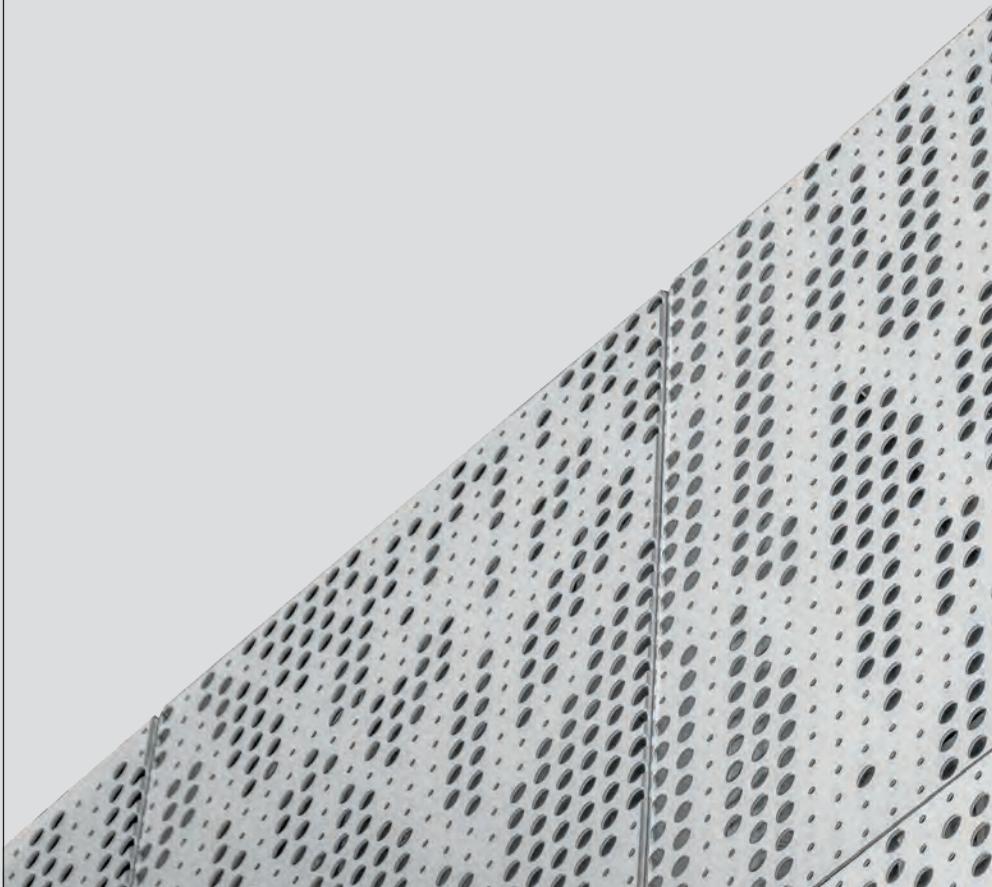
ENDURANCE

Europa ELEMENT sheets showcase remarkable durability and adaptability, making them ideal for various parts of a building. From ceilings to facades, walls to partitions, they seamlessly fit into diverse architectural contexts. Cut from large aluminium sheets, in numerous dimensions, architects can tailor each sheet's frame to their specifications and designs, ensuring a perfect fit that endures the test of time.

MATERIALITY

MICROCLIMATE

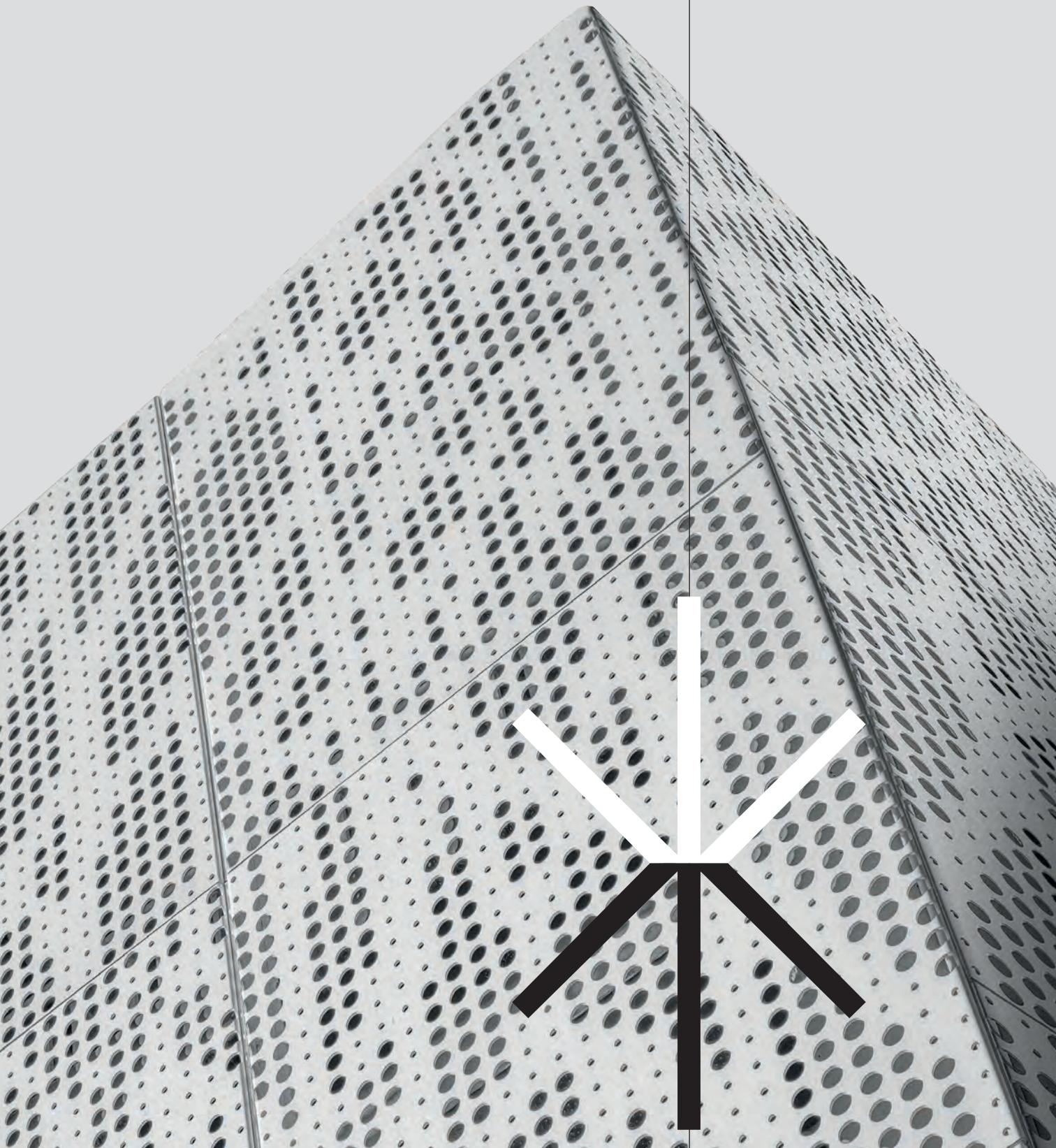
Europa ELEMENT aluminium sheets excel as eco-friendly windbreaks or shades, whether employed vertically or horizontally. They create local shadows, transforming spaces and influencing air currents. This dynamic interplay fosters enhanced microclimates within and around buildings, promoting eco-conscious design choices for a greener tomorrow.



GY
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ENER

Sustainability and energy-efficiency play a pivotal role in Europa ELEMENT sheets. Made from recyclable aluminium, their design intelligently regulates temperature and light, reducing the need for excessive heating or cooling. By harnessing natural elements, they promote energy conservation, contributing to a more sustainable building environment. ELEMENT is an eco-conscious choice paving the way for greener, more sustainable architectural designs.

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The translucent power of opacity impacts privacy, daylighting, and the visual character of interior spaces. It reveals by hiding and initiates an interesting play of light and darkness, superimposing design elements on muted surfaces creating inspiring visual effects.

Serving as interior wall cladding, employed as room dividers and partitions or as suspended ceilings, Europa ELEMENT sheets can become screens, backsplashes, furniture or lighting fixtures providing both separation and design continuity.

INDOOR ENVIRONMENTS

Workspaces Hotels
Residences Ceilings
Commercial Custom
 applications

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WORK SPACES



Strategically incorporating aluminium sheets into workspace design, unlocks the potential to craft environments that balance functionality, adaptability, and visual appeal, fostering a culture of collaboration and creativity. These sheets find versatile applications

as office partition systems, privacy screens, desk panels, and versatile dividers that both define and unite meeting areas and individual offices.





RESID ENCES

Europa ELEMENT sheets bring a modern and versatile touch to residential design, allowing architects and designers to infuse contemporary and functional elements into homes and residential estates.

Building or renovating becomes an exciting and new experience creating interior walls and partitions, kitchen backsplashes, ceilings, cabinetry and shelving, balustrades and railings, lighting fixtures and artistic installations.



COM MERC

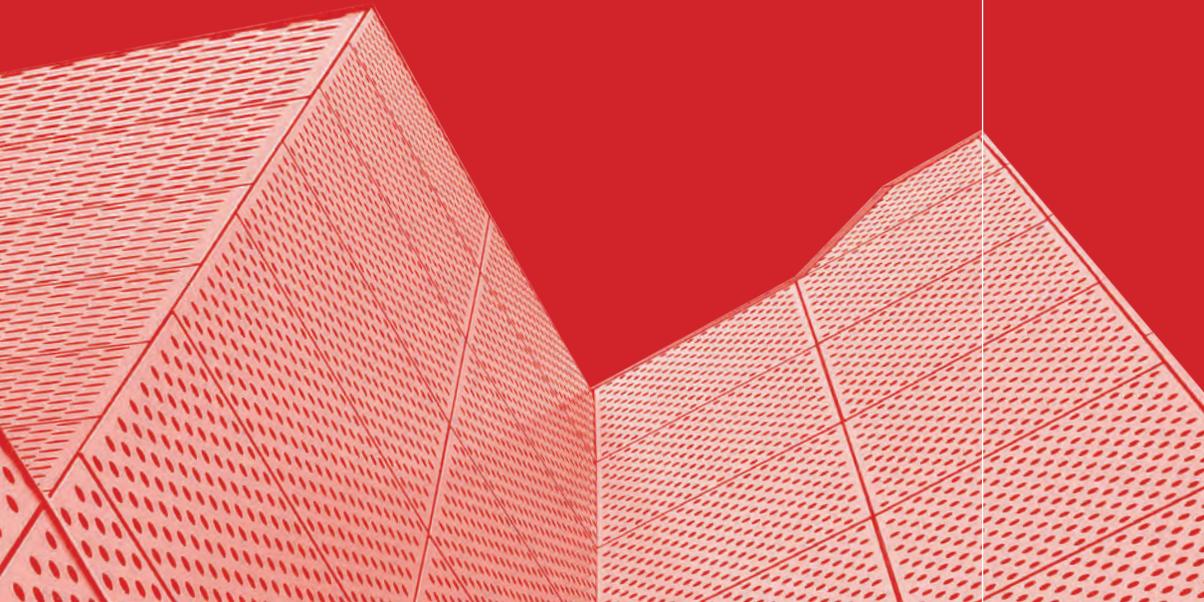
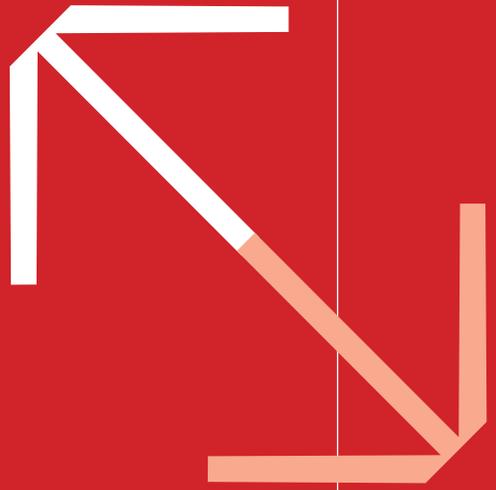
With a multitude of practical and aesthetic applications in commercial spaces, aluminium sheets offer the versatility, durability and design to create functional and visually appealing environments. Ideal for partition systems, ceiling solutions, retail displays, reception areas and interior walls, they can be used as substrates for way-finding signage or directional elements and create interesting lobby features.

IAL

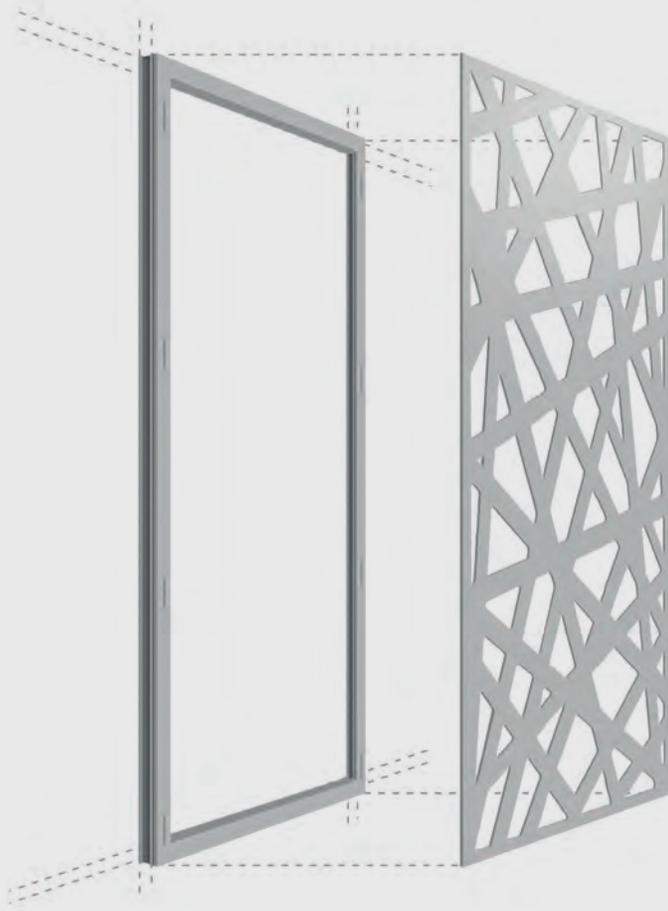


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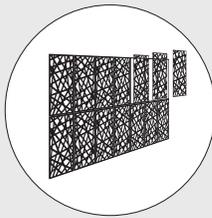
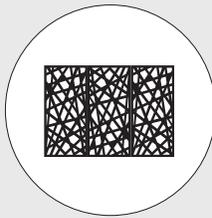
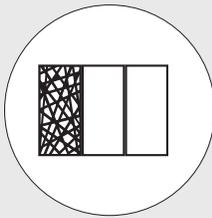
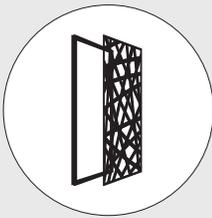
GUI
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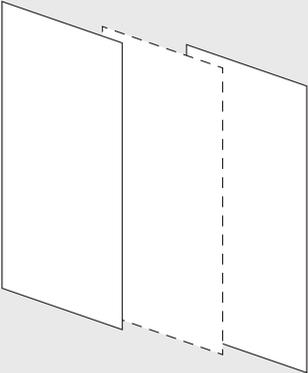
THE POWER TO TRANSFORM



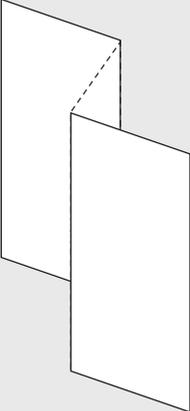
Top-tier system configuration, easy to install for new or retrofit projects.



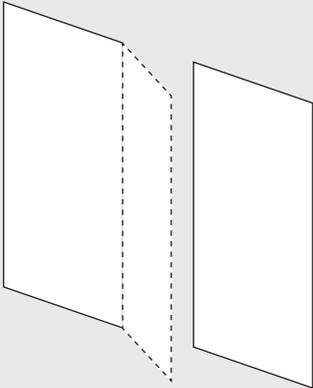
SYSTEMS & TYPOLOGY



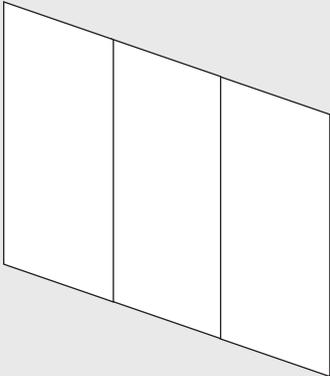
SLIDING SYSTEMS



FOLDING SYSTEMS



OPENING SYSTEMS



FIXED SYSTEMS

POWDER

We present an extensive palette of contemporary color choices to cater to the discerning needs of architects and designers. Top advanced electrostatic coating technology ensures impeccable results in aesthetics, durability and reliability. A cutting-edge Electrostatic Painting facility holds prestigious international certifications, including QUALICOAT, QAULIDECO Quality Labels, and the Qualicoat Seaside Class Color Processing Label.

These accolades affirm our commitment to vibrant colors, impeccable coatings, and unparalleled resistance to corrosion, sunlight, high temperatures, as well as scratches and abrasions — all under the most demanding conditions.

COAT INGS

THE PALETTES

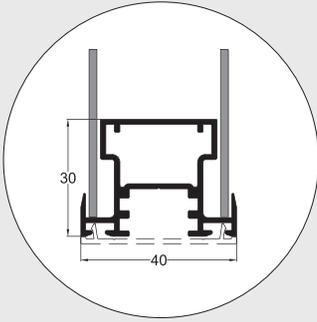
- RAL
- RAL Super Durable
- RAL Matt
- Special Effect
- Premium Fine Textured

For a complete range of colors please scan here

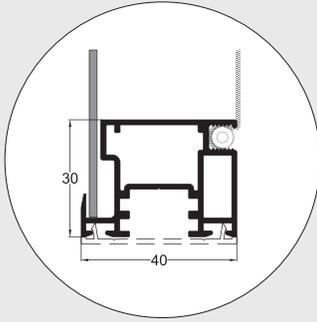


TECHNICAL DATA

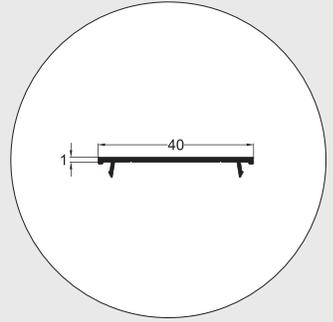
PROFILES Aluminium



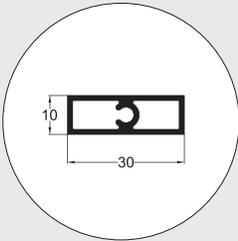
TV 27208
Sash with aluminium sheet in both sides.
Profile weight: 717gr/m



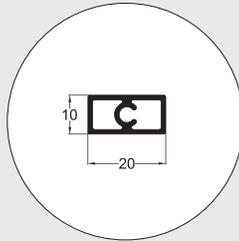
TV 27204
Sash with Insect screen & aluminium sheet.
Profile weight: 638gr/m



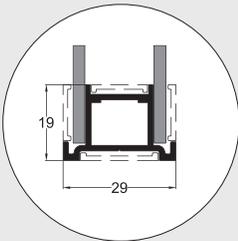
TV 27501
Sash cap.
Profile weight: 162gr/m



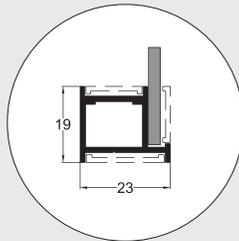
TV 27404
Transom for sash TV 27208.
Profile weight: 324gr/m



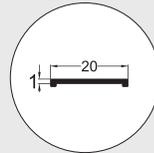
TV 12434
Transom for sash TV 27204.
Profile weight: 232gr/m



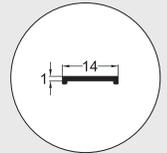
TV 27206
Sash for fixed frames
Profile weight: 333gr/m



TV 27207
Sash for fixed frames.
Profile weight: 288gr/m



TV 27507
Cap for fixed frames.
Profile weight: 71gr/m



TV 27508
Cap for fixed frames.
Profile weight: 52gr/m

SHEETS Aluminium

Aluminium alloy	EN AW 1050	Sheet thickness	2 mm* 3 mm
Hardness	12 Webster	Sheet dimensions	1,25x2,5m 1,5x3,0m
Minimum coating thickness	75 µm	Sheet weight	2mm - 5,4kg/m ² 3mm - 8,1kg/m ²

*Applies to specific designs.

SHEET DESIGNS

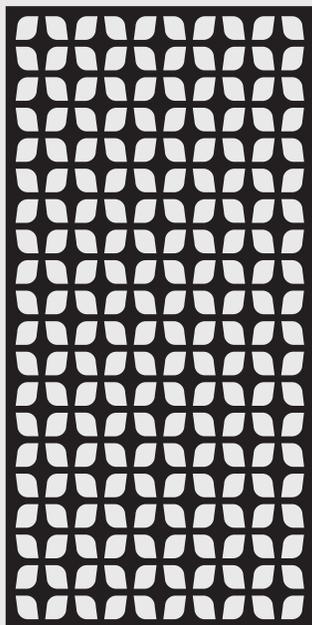
Explore the complete collection of Europa ELEMENT geometric sheet designs covering a wide range of artistic styles.

Control light and shadow and create ambience and atmosphere while redefining space.

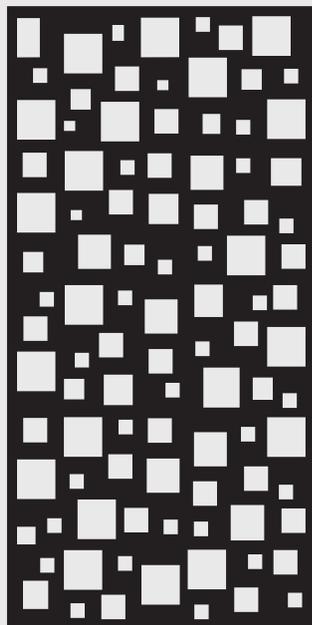
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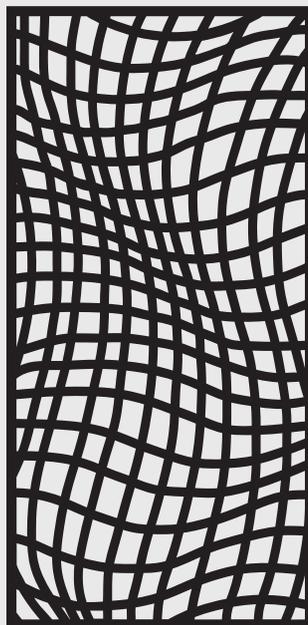
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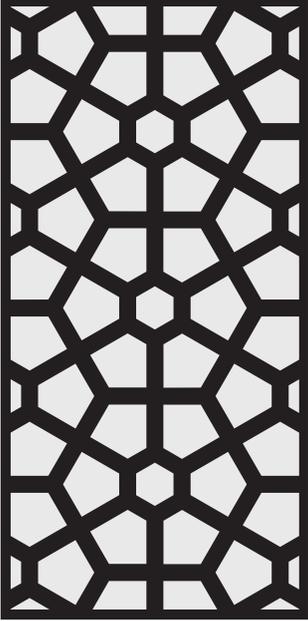
SILHOUETTE AE-AS-037004



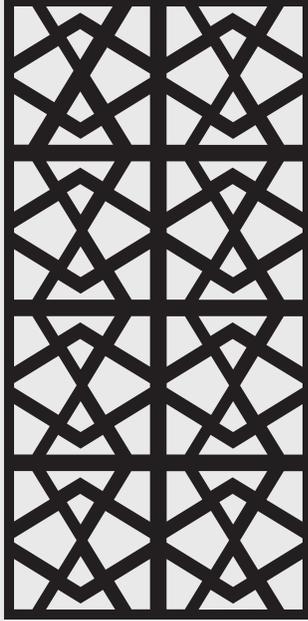
MARS AE-AS-037001



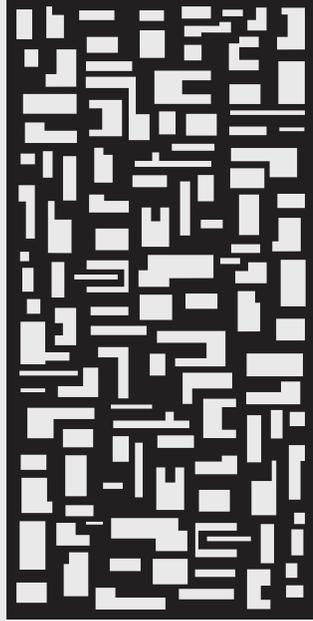
BALANCE AE-AS-037033



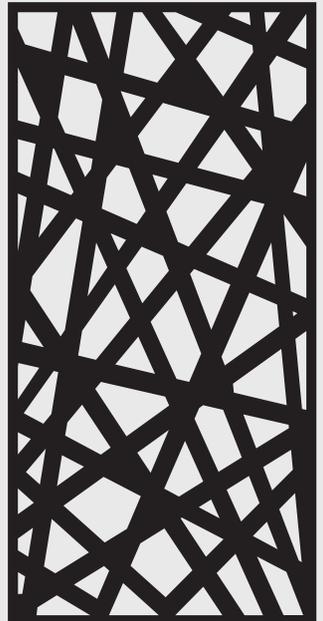
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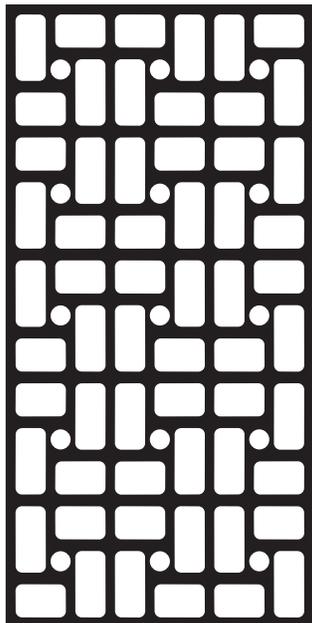
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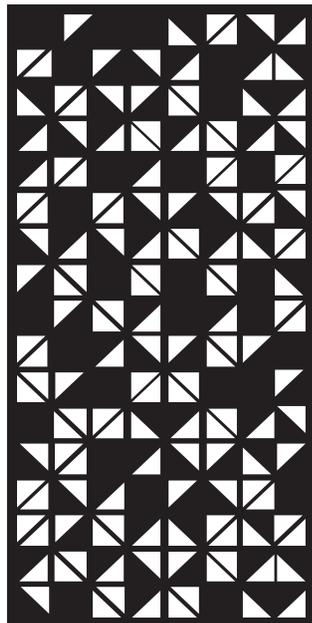
GRID AE-AS-037006



LINE UP AE-AS-037003



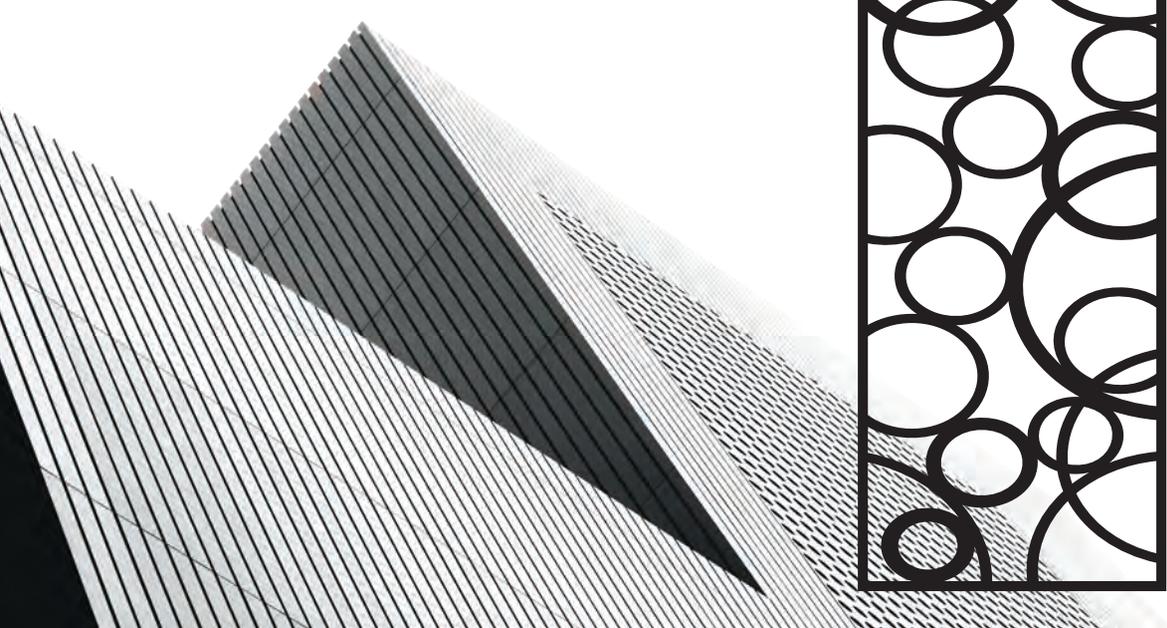
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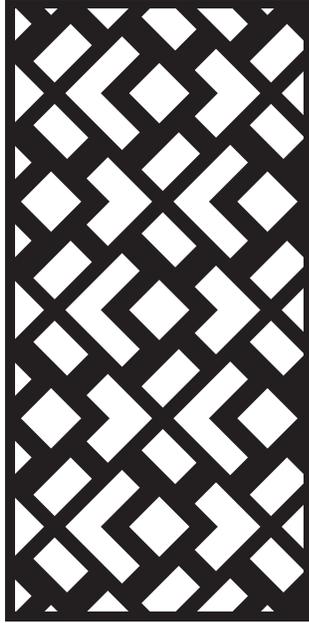
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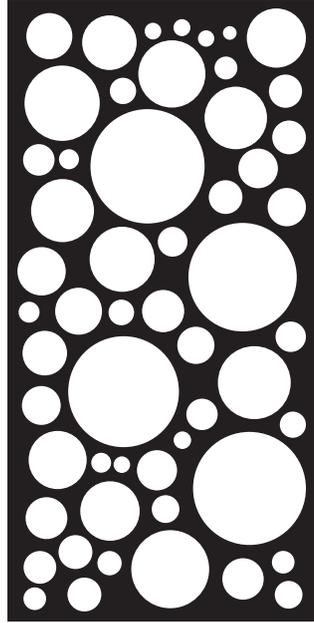
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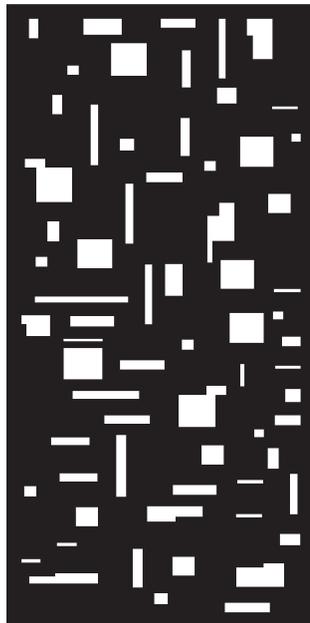
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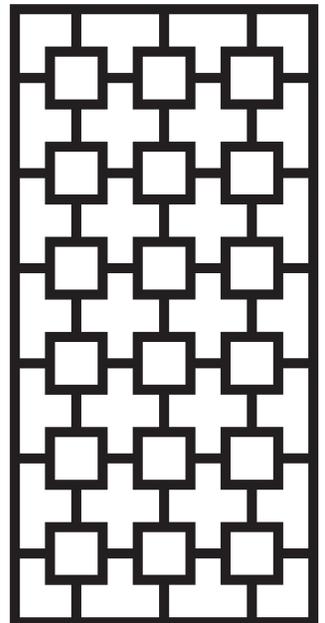
LOOP AE-AS-037037



BLOCK AE-AS-037036



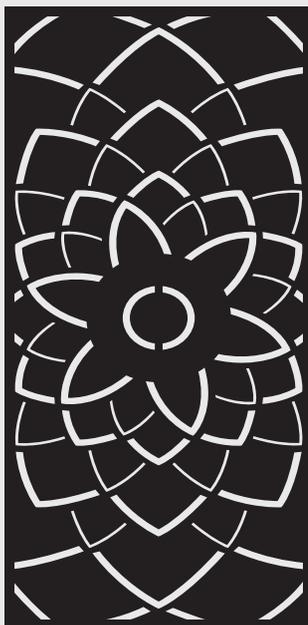
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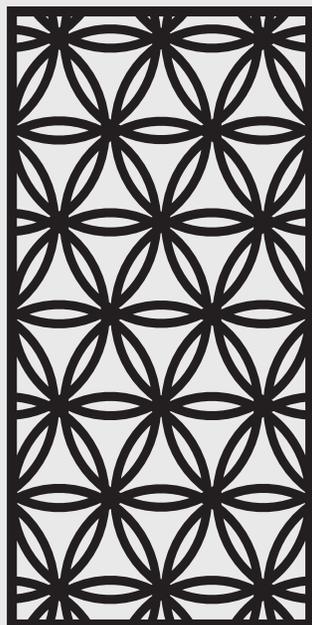
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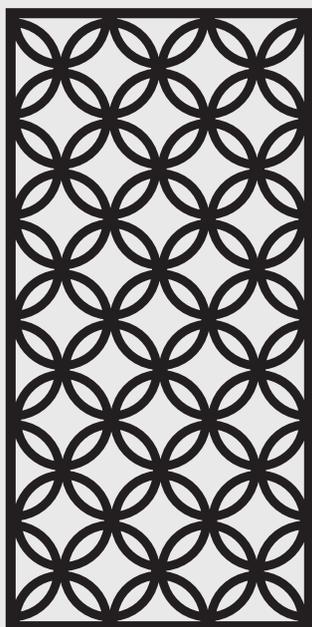
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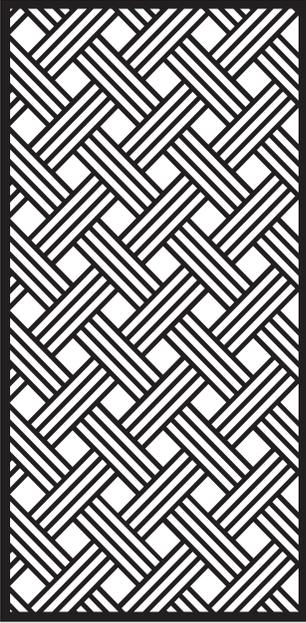
FLORET AE-AS-037026



POSH AE-AS-037021



FILM AE-AS-037010



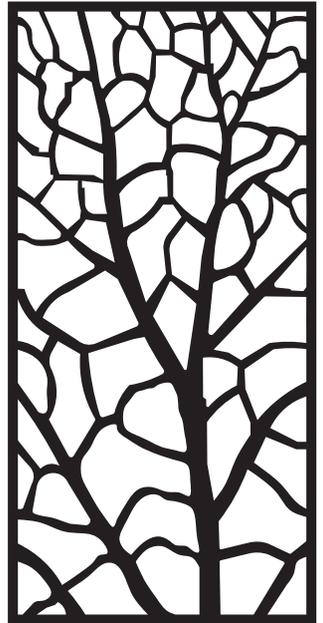
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SKIN AE-AS-037011



TREE AE-AS-037007



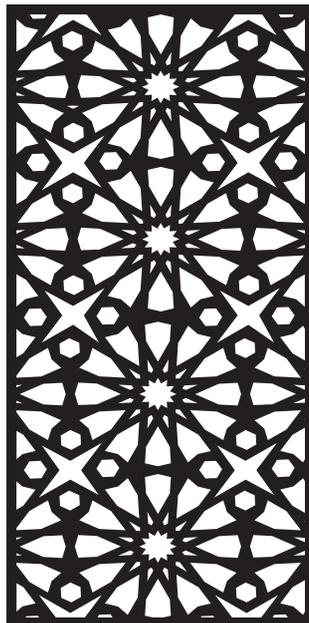
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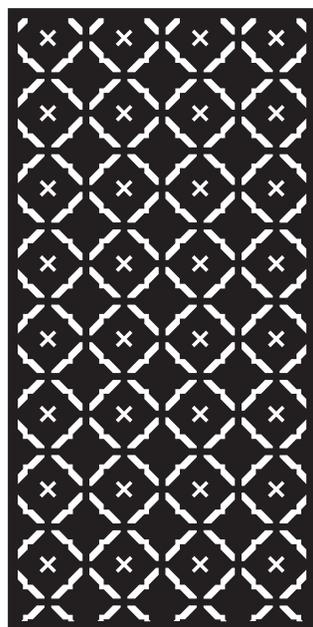
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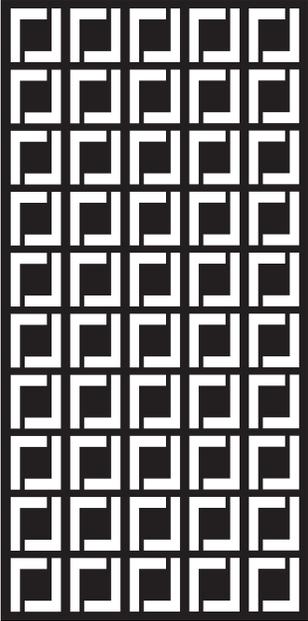
PETAL AE-AS-037031



STAR AE-AS-037019



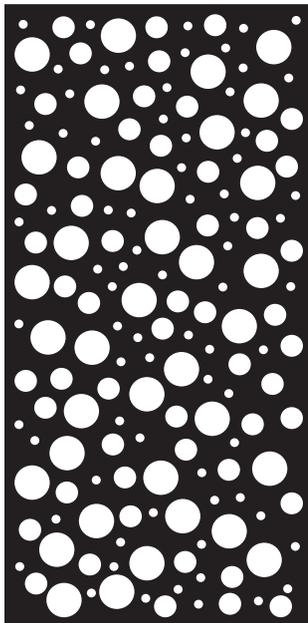
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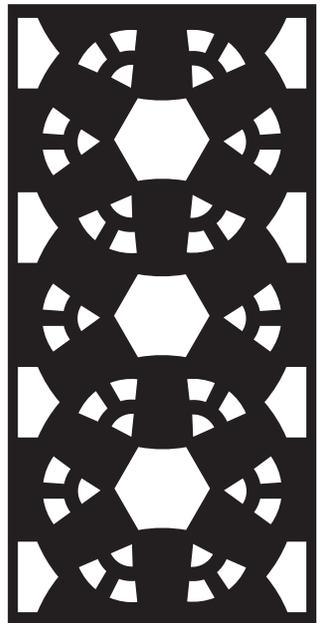
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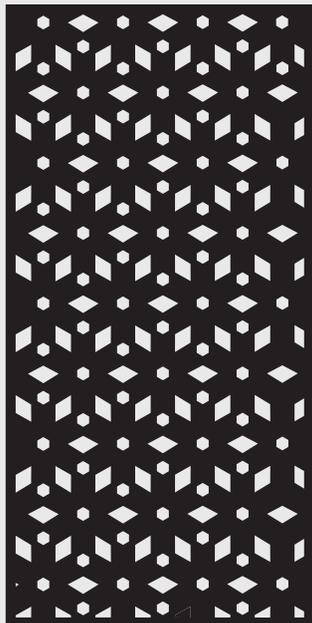
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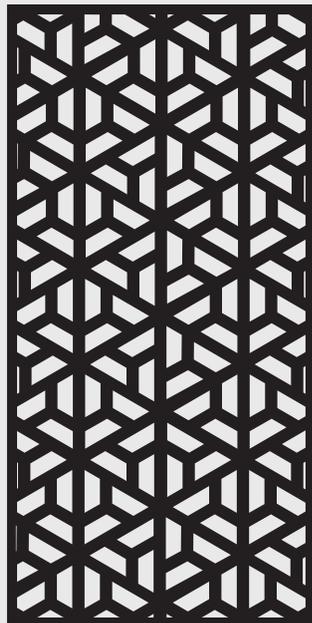
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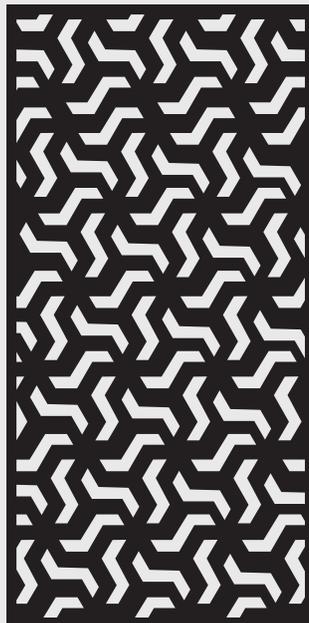
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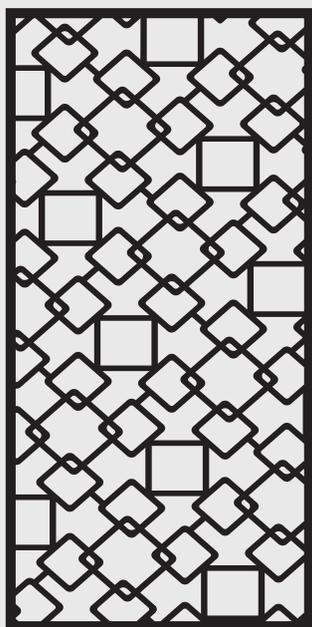
CIRCUIT AE-AS-037020



CURVE AE-AS-037013



BORDER AE-AS-037030



CONSULTING TEAM

Our dedicated consulting team stands ready to take your custom designs and adapt them perfectly to your needs.

CERTIFICATIONS





TELS

Europa ELEMENT sheets can become essential in hotel spaces, combining functionality with aesthetics. Versatile and durable, they are perfect for creating visually appealing spaces. From partitions and walls to ceilings used in hotel lobbies, reception areas or suites, aluminium sheets create a striking feature to the architectural design and a memorable environment for guests to enjoy.

HO







CEILING Ceiling design can transform space and add new spatial horizons. Used to create suspended or coffered ceilings, with backlit lighting for a dramatic element, aluminium sheets offer a wide range of applications in ceiling design, making them a current choice for both functional and decorative purposes.

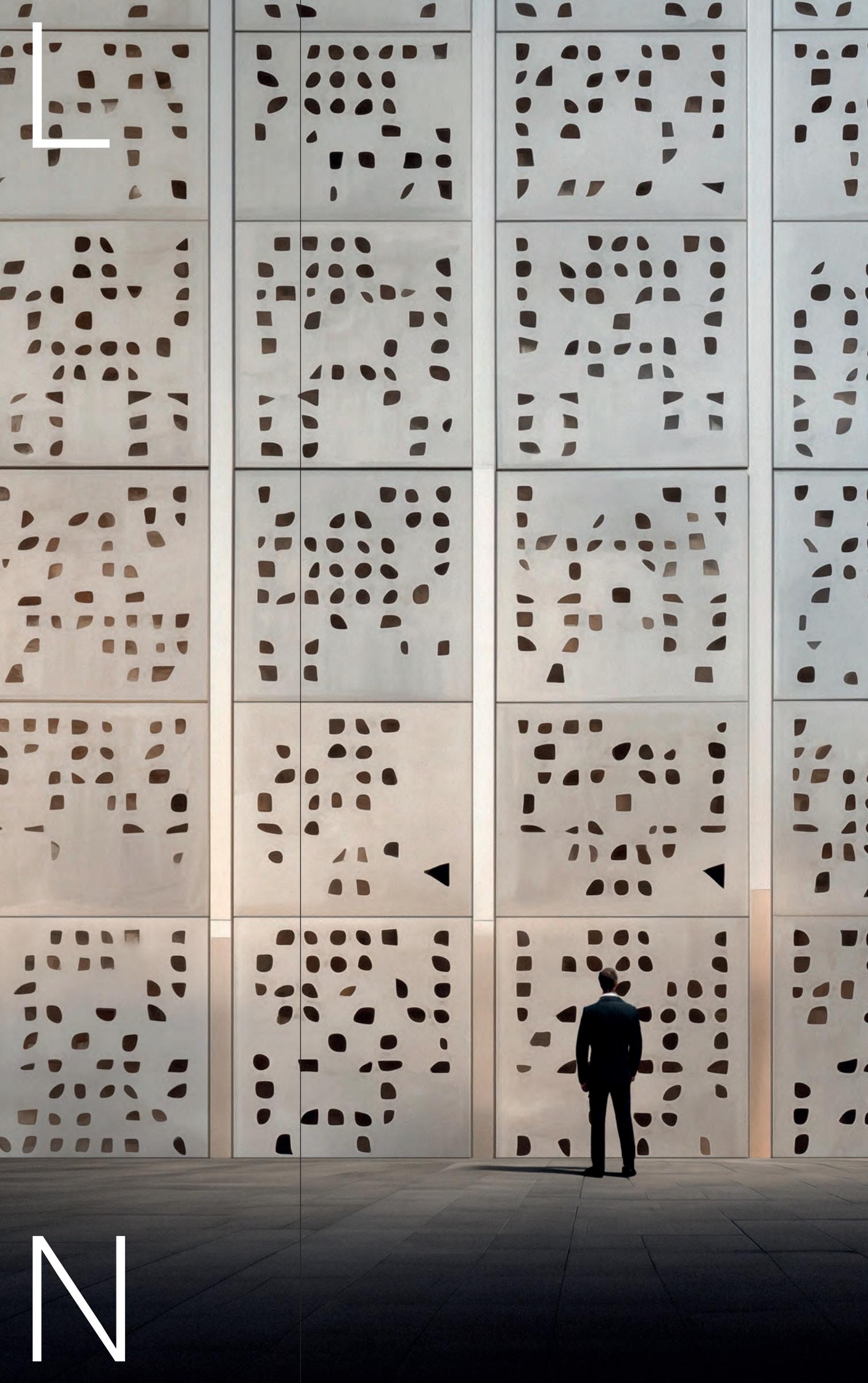


CUSTOM

By shaping and finishing aluminium sheets, custom designs can be created to suit unique lighting and design concepts. This allows for one-of-a-kind installations, ceiling fixtures, lighting fixtures, chandelier installations, pendant clusters and intriguing backlit features.



APPLI CATIONS



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SPACE

Space is the final frontier and the most fundamental element, influenced by scale, proportion, lighting, materials, and spatial organisation, with a role in determining the functionality, aesthetics, and human experience of environments.

Taming the exterior space with the use of aluminium sheets as facades, cladding or shading structures can upscale the visual interest of any building and offer sustainability and energy efficiency advantages while creating new opportunities for human interaction and engagement with the open space environments.

ILLUMINATING BY OBSCURING

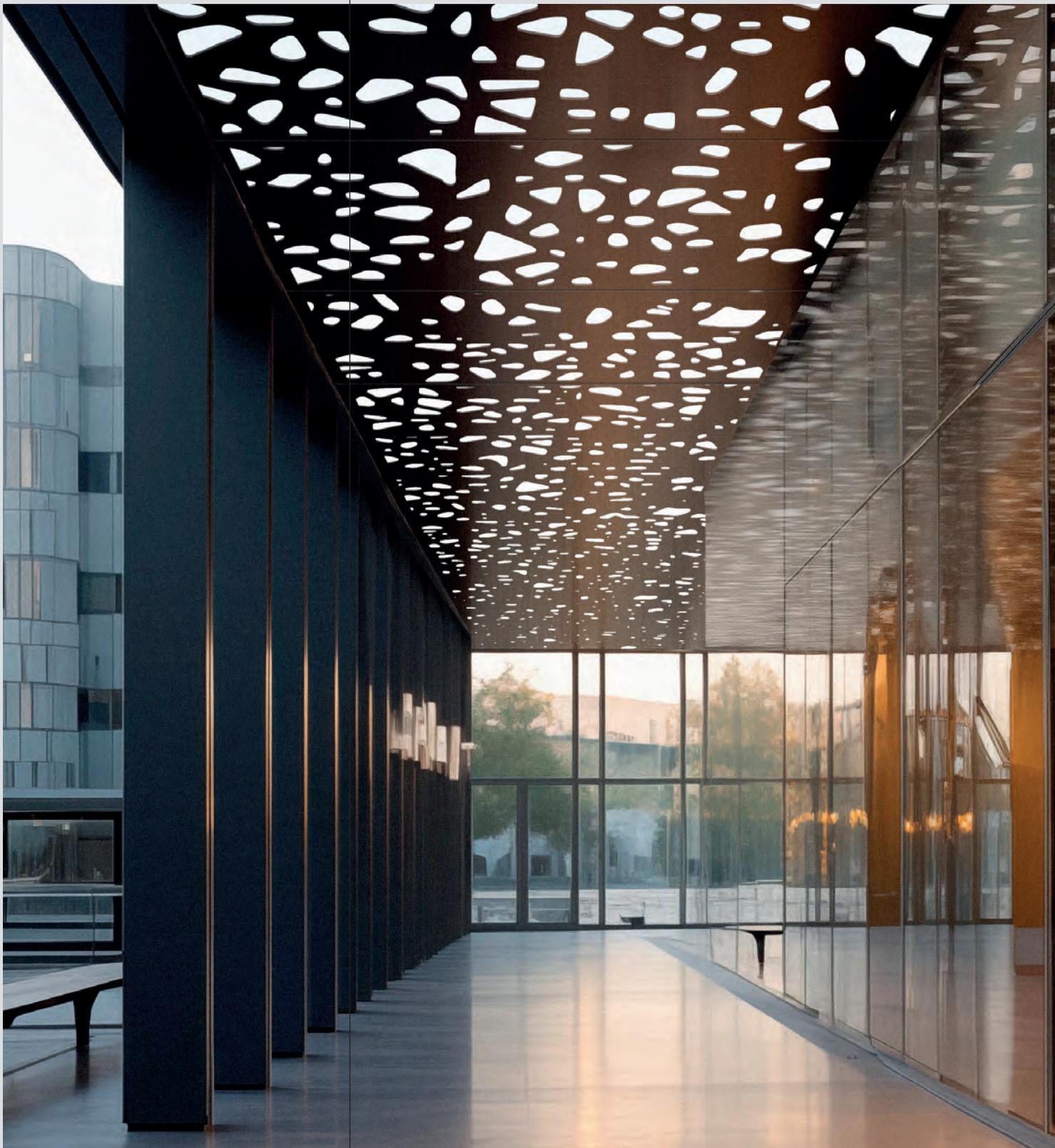
- Shading
- Pergolas
- Facades
- External walls

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ILLUMINATING
BY OBSCURING

SHA DIN

In addition to their exceptional aesthetic qualities, Europa ELEMENT sheets offer compelling advantages as solar shading elements for outdoor architectural spaces.



They excel in solar heat mitigation, effectively regulating solar heat ingress into the building envelope. By adeptly managing solar heat gain, they ensure the maintenance of optimal indoor thermal comfort conditions, thus substantiating energy conservation benefits.

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PERG

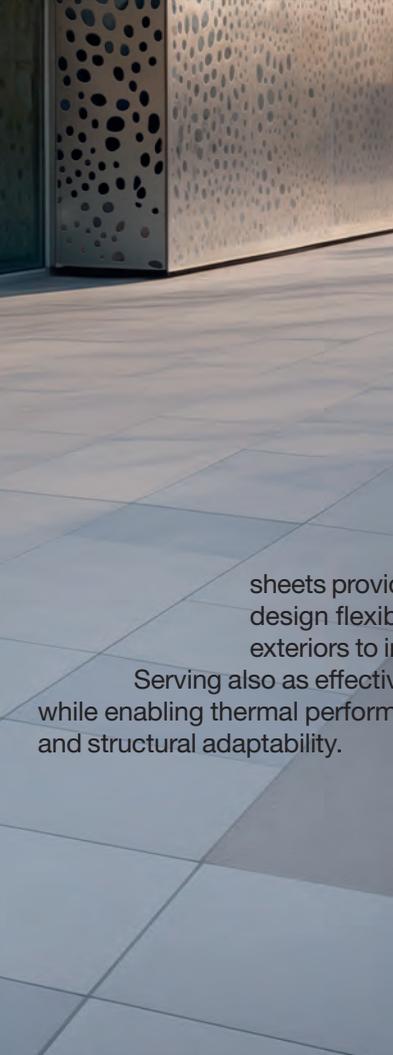
Europa ELEMENT sheets exhibit exceptional solar heat attenuation properties when used as side walls in pergolas. By proficiently managing solar heat gain, they foster a more temperate and hospitable environment within the pergola while reducing the need for excessive mechanical cooling, resulting in significant energy conservation. Plus, they lend an impressive layer of aesthetic sophistication to pergola designs, augmenting both their functional and visual appeal.



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ADES



The ultimate exterior canvas to shape contemporary buildings. Europa ELEMENT sheets provide a versatile and innovative approach that merges functionality with aesthetic expression. Their design flexibility and durability allows for a wide spectrum of creative possibilities, from sleek, minimalist exteriors to intricate, geometric compositions.

Serving also as effective weather barriers, they offer protection against the elements while enabling thermal performance optimisation. Their lightness affords ease of installation and structural adaptability.





EXT

With high thermal performance attributes, aluminium sheets are ideal for use as exterior walls, creating well-insulated building envelopes. By effectively mitigating heat transfer, they contribute to enhanced energy conservation within the structure.

WALS

This result is exterior walls that are not only contemporary modern but also make a substantial contribution to the building's energy performance, ensuring a more sustainable and comfortable environment for its occupants.



ERNAL



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We are initiating a dynamic dialogue with architects in creating bespoke design solutions. This collaborative journey sparks up a partnership that elevates the potential of aluminium sheet applications, enabling architects to manifest unique design narratives and shape spaces that resonate with character and functionality.

The result is a fusion of creativity and craftsmanship, where Europa ELEMENT sheets become a testament to the synergy between technology and architectural ingenuity.

TIAL

A man with a beard and sunglasses, wearing a dark suit, stands in front of a building with a complex, geometric, perforated facade. The building's facade is made of dark metal panels with intricate, interconnected patterns. The man is looking directly at the camera with a serious expression. The background shows a clear sky and some architectural details of the building.

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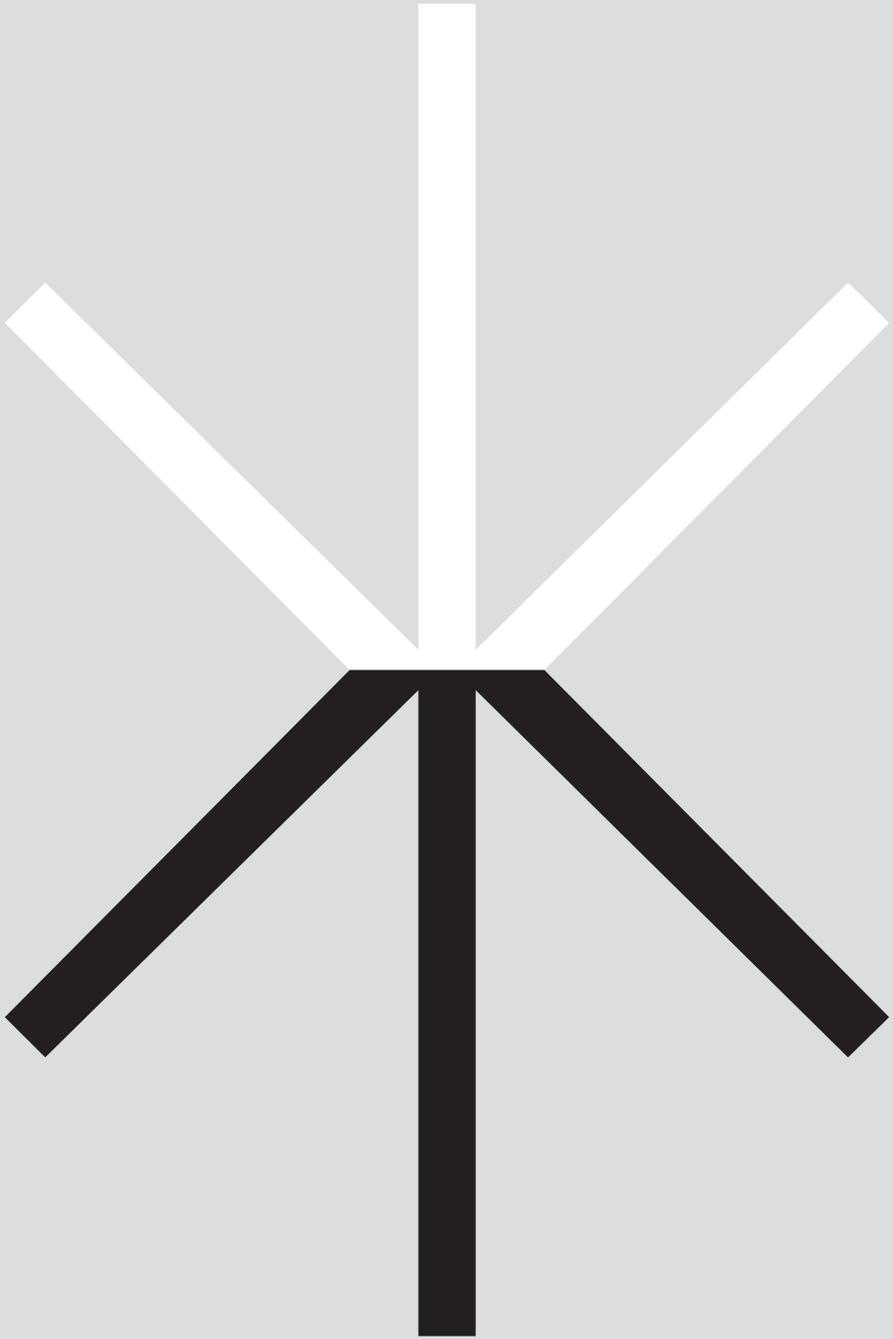
The Human Element expresses our vision to the endless possibilities the synergy between the Product and the Human can result to. Experimenting on form, the interaction between light and shadow, living spaces and architectural constructions, we placed human at the center of our research.

Using an artificial intelligence algorithm to visualize the EUROPA ELEMENT's endless applications, a generated content emerged, unique and original to its core. All the information provided relating to the EUROPA ELEMENT product series are consistent and accurate to the company's standards.

EUROPA
PROFIL ALUMINIUM S.A.

EUROPA PROFIL ALUMINIUM S.A. stands as one of the leading aluminium extrusion companies in Greece, renowned one of the foremost aluminium brands in the region. Distinguished by our unwavering commitment to superior quality, we consistently surpass the expectations of our discerning global clientele.

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Element uses modularity,
transparency and opacity
to activate space,
rework form and functionality
and initiate

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an experiential
dialogue

between the building and
its inhabitants. It is the human
element.