



Drive Innovation

State of the art parking garage solutions





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Making the Complex Simple

At the heart of our philosophy is a commitment to transform complex design challenges into breathtaking solutions for architects, engineers, builders.

Hello from Levolux

Explore Countless Possibilities

Unlock your structured parking facility's potential with Levolux's technical and architectural façades. Engineered for maximum efficiency, occupant comfort, integration, durability - and an aesthetic that commands attention.

Throughout your journey with us, your vision takes center stage. Whether you engage directly with us or through one of our trusted contractors.

We draw on our vast experience to guarantee on-time, in-budget project delivery, and architectural standards that exceed expectations.



Reach new heights

The face of contemporary car parks, our architectural facades combine form with function to deliver enhanced performance, increased structural integrity, sustainability and unrivalled visual impact.





Aluminum Fins



Aluminum Airfoil



Aluminum Box



Aluminum Custom

More About Aluminum Fins

- Custom engineered solution
- Various finishes and custom finishes available
- Custom sizes (contact team for span removal service)
- Horizontal and vertical application
- Available in Trellis, Stick and Panel form



Infiniti Concealed Fastener System



1. Install Cleat to Carrier Arm



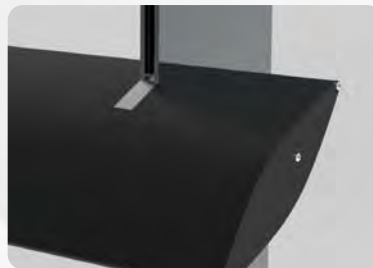
2. Slide lock plate into profile with bolts slotted through



3. Fastener lock plate to cleat and tighten nuts



4. Clip on rear extrusions



5. Fastener end plates to extrusions



Twisted Fins

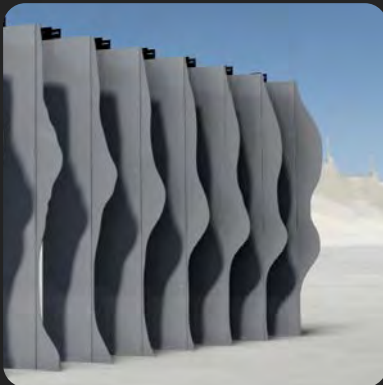
About Twisted Fins

- Thermal
- Hidden fix
- Grade 316 Stainless Steel (highly corrosion-resistant SS)
- Brackets fit curtain walling mullions
- Flexible orientation - vertical or horizontal
- Varying or consistent rates of twist
- Available as individual fins or pre-assembled units



More about Twisted Fins

- Create movement and perspective within building facades
- Choice of bespoke angles, twisting operations and profile sizes.
- Tailored engineering with adjustable tension for preserving blade profiles and accommodating building movement.



Example 1

Profile Plates

Our profile plates are crafted to enhance airflow while effectively managing sun, heat, noise, light, privacy, and security.



Example 2

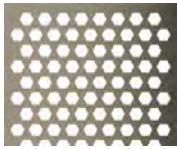




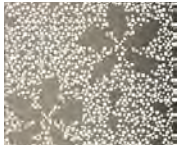







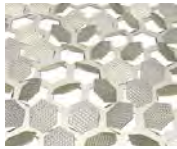
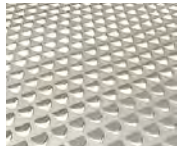
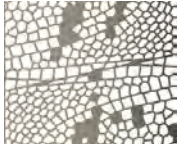



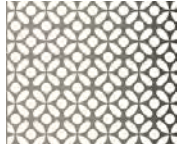





More About Profile Plates

- Various thicknesses and materials available
- Laser cut or Water cut
- Customizable patterns achieved through advanced modelling techniques
- Optimized airflow
- Available in a range of finishes



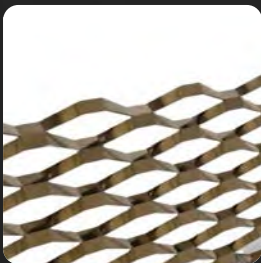
Perforated Screens

Available in a range of materials, patterns and fixing methods

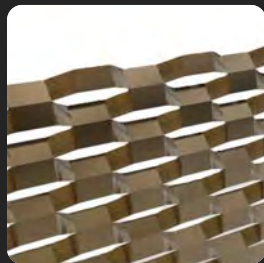
<p>1.</p> <p>Standard</p>	 <p>HX60-2332</p>	 <p>RO45-3060</p>	 <p>RO90-3050</p>	 <p>SL30-2530</p>	 <p>SQ90-5065</p>
<p>2.</p> <p>Image Perforation</p>	 <p>IP2</p>	 <p>IP3</p>	 <p>IP4</p>	 <p>IP5</p>	 <p>IP9</p>
<p>3.</p> <p>3D</p>	 <p>Dawn</p>	 <p>Flutter</p>	 <p>Fusion</p>	 <p>Hive</p>	 <p>Shield</p>
<p>4.</p> <p>Laser</p>	 <p>LC2</p>	 <p>LC1</p>	 <p>LC3</p>	 <p>LC5</p>	 <p>LC10</p>
<p>Folding Profiles</p>	 <p>Cassette</p>	 <p>Large Scallop</p>	 <p>Stepped Cassette</p>	 <p>Ribbed</p>	 <p>Scallop</p>



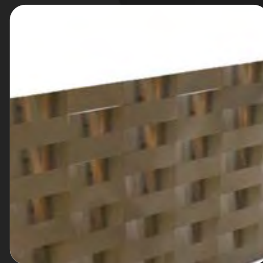
Expanded



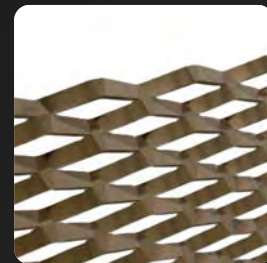
Type 1



Type 2



Type 3

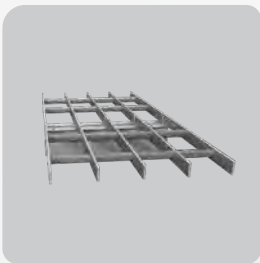


Type 4

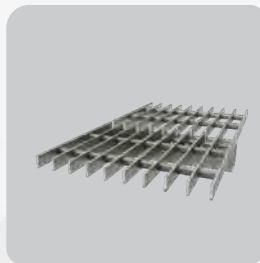
- Expanded mesh is widely used in architectural applications due to its versatility and aesthetic appeal.
- It comes in various patterns, thicknesses, and finishes, allowing architects to create unique designs.
- The mesh can be used for facades, ceilings, cladding, and screens, providing both functional and decorative benefits.
- Different fixing details are available to suit specific project requirements, ensuring a seamless integration into the overall design.



Agiliti Walkway Screen



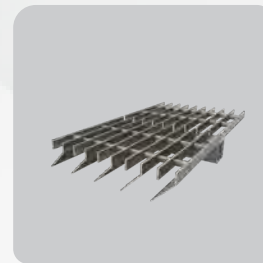
G



GC



S



SC

Our aluminum walkways integrate seamlessly in both horizontal and vertical applications, providing safe access during maintenance and supporting trafficable workloads. Grating can be used for screening or as a vertical feature facade. We offer a range of different flat bar sizes with varying pitches, and custom sizes are also available.



Finishes

Choose your finish

Levolux offers a wide range of custom colors and finishes to meet your project needs, with options that are not limited to the standard selections. Tailored options are available upon request for specific requirements.

- Polyester powder coat solid colors
- Polyester powder coat sublimation faux finishes
- Axalta Imron liquid polyurethane
- 70% PVDF 2-coat, 3-coat, or 4-coat



- Anodized



- Timber Finishes



Our Process

A Seamless Journey



1

Early Engagement

We engage early to offer architects and designers real-life solutions, guiding opportunities and cost-effective recommendations to meet design briefs.

3

Scoping Bid & Cost Planning:

We deliver precise cost plans and value management solutions, ensuring transparency and competitive pricing. Services include risk assessment to prevent cost overruns and customized solutions tailored to your project goals.

2

Design & Assist:

- Levolux & client collaboration: Expertise on complex design briefs
- Industry-leading design & construction standards
- Streamlined timelines
- Cost-effective solutions
- Strong focus on sustainability

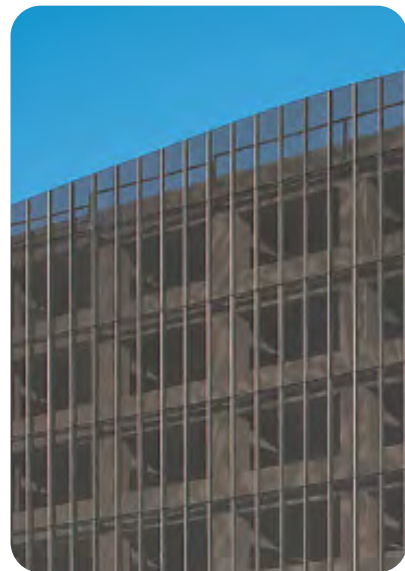
4

Construct

We bring your vision to life by ensuring every aspect aligns with your design and technical specifications. Guaranteeing collaboration, precision, and attention to detail for flawless execution.



The Cove multi-storey carpark, San Francisco



Architect: International Parking Design

Product name: Infiniti Aluminum Airfoil Fins and Ligniti Perforated Panels



San Antonio Parking Garage, California



Architect: International Parking Design

Product name: Profile Plates Architectural Facades



West Car Park, Boston Logan International Airport



Architect: Arrowstreet (Architects)

Product name: Infiniti Secret-Fix, Aluminum Box Fins



Crawley



Architect: Lyons+Sleeman+Hoare

Product name: Aluminum Box Fins



About Levolux

Simplifying the complex

We've been leaders in our industry for more than 35 years but our roots go way back before then.

We're proud to be trusted by architects and developers worldwide to seamlessly transform complex briefs and requirements into exceptional results, leveraging our extensive global experience and innovative solutions.

Our dedication and commitment extends to supporting professionals like you—architects, engineers, builders, and general contractors—in creating solutions to the complex problems to ensure function and design intent are achieved on time and on budget.

Market sectors we work in

- ✓ Parking Garages
- ✓ Aviation
- ✓ Corporate
- ✓ Senior Living
- ✓ Defense
- ✓ Education
- ✓ Hospitality
- ✓ Sports + Entertainment
- ✓ Healthcare
- ✓ Industrial
- ✓ Retail
- ✓ Data Centers
- ✓ Infrastructure
- ✓ Apartments
- ✓ Government



VICTORIA GATE



DEVON ST



HOLLYWOOD HOSPITAL



Redefine the Possibilities

We collaborate with you from the outset, using the most advanced materials and design techniques, to craft architectural solutions that excel in aesthetics, efficiency, cost-effectiveness, sustainability, and the well-being of building occupants.





Let's partner together and stand out from the crowd.

Contact us on **+1 (240) 673 6073** or at **sales@levolux.com** for the following:

A Virtual Demo: Where we meet online via Teams or Zoom.

A Lunch & Learn: Where we meet you face to face

Company literature: We'll send you hard copies of brochures, CADs, and more.

Visit Us: [Levolux.com](https://levolux.com)

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