



Company Profile & Product Declaration

Composite Panels | Coated Aluminum Sheets | Certifications | Sustainability

OUR PRODUCT PORTFOLIO

01 ALUMINIUM COMPOSITE PANEL

Lightweight, rigid and fire-rated panels for exterior facades and interior cladding. A versatile and aesthetically-driven solution for modern architecture, signage, and design projects.



02 PAINTED COIL

High-performance aluminium coils with corrosion-resistant coatings and vibrant finishes. Ideal for roofing, cladding, signage, and industrial applications, with customizable colors and specifications.



03 ALUMINIUM PROFILE

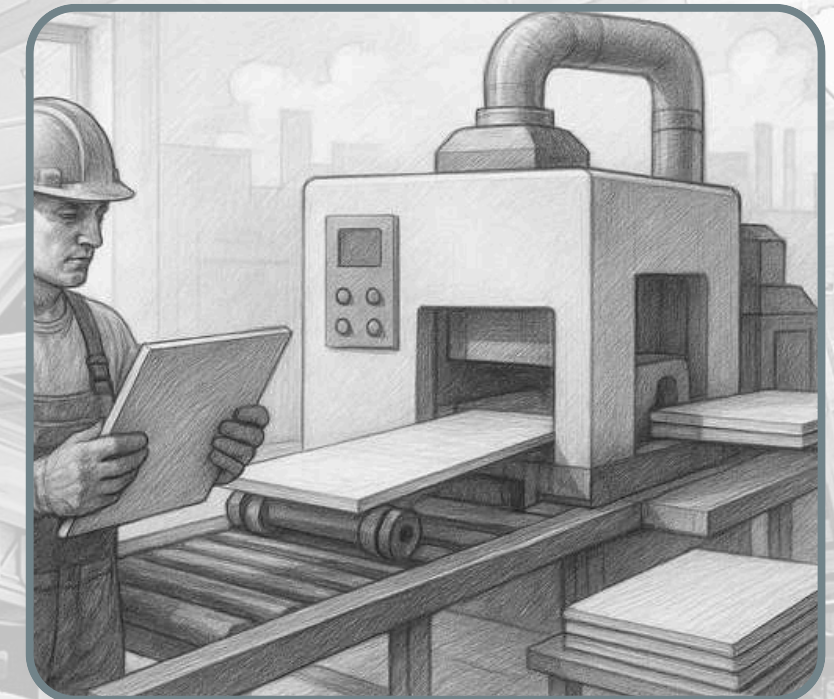
Precision-engineered aluminium profiles for architectural frameworks, transportation, and industrial systems. Designed for strength, lightness, and flexibility in a wide range of applications.



PRODUCTION CAPACITY

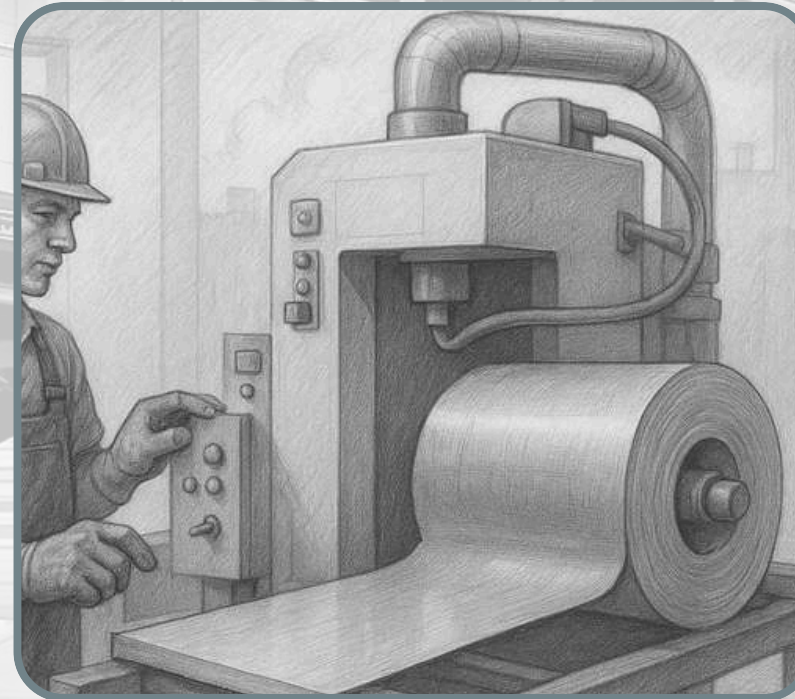
ACP PRODUCTION ANNUAL CAPACITY

7.500.000 m²



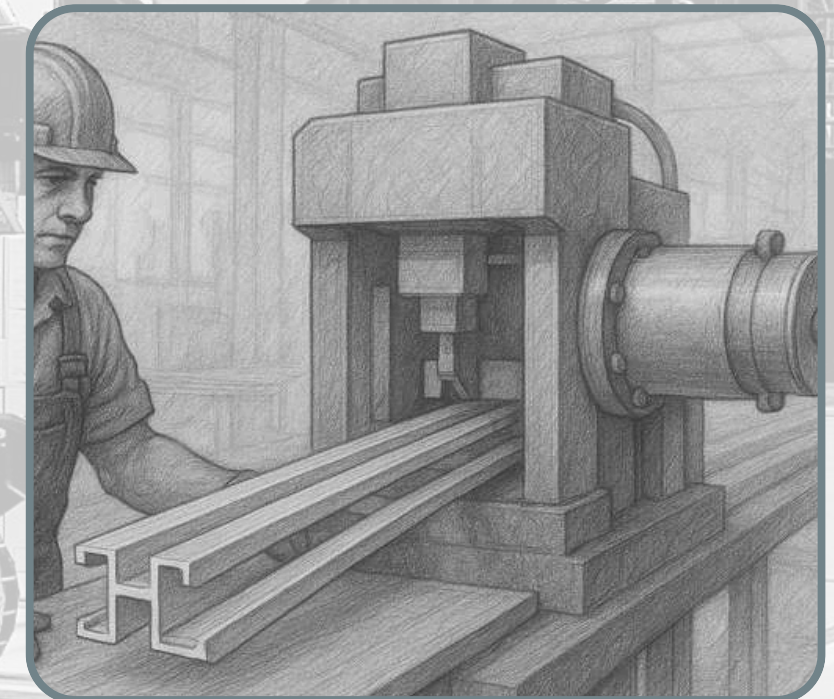
COIL COATING LINE ANNUAL CAPACITY

25.000 Tons



**ALUMINIUM EXTRUSION LINES ANNUAL
CAPACITY**

11.000 Tons



Architectural Precision for Corporate Façades

The façade of the Nice Systems HQ in Ra'anana features **Albond® 9000 A2 Core** panels in a sleek silver finish. Known for their fire-retardant core and architectural-grade durability, Albonda panels offer a clean, modern aesthetic while meeting strict international safety and quality standards. This project reflects the precision and elegance possible with our advanced cladding materials.

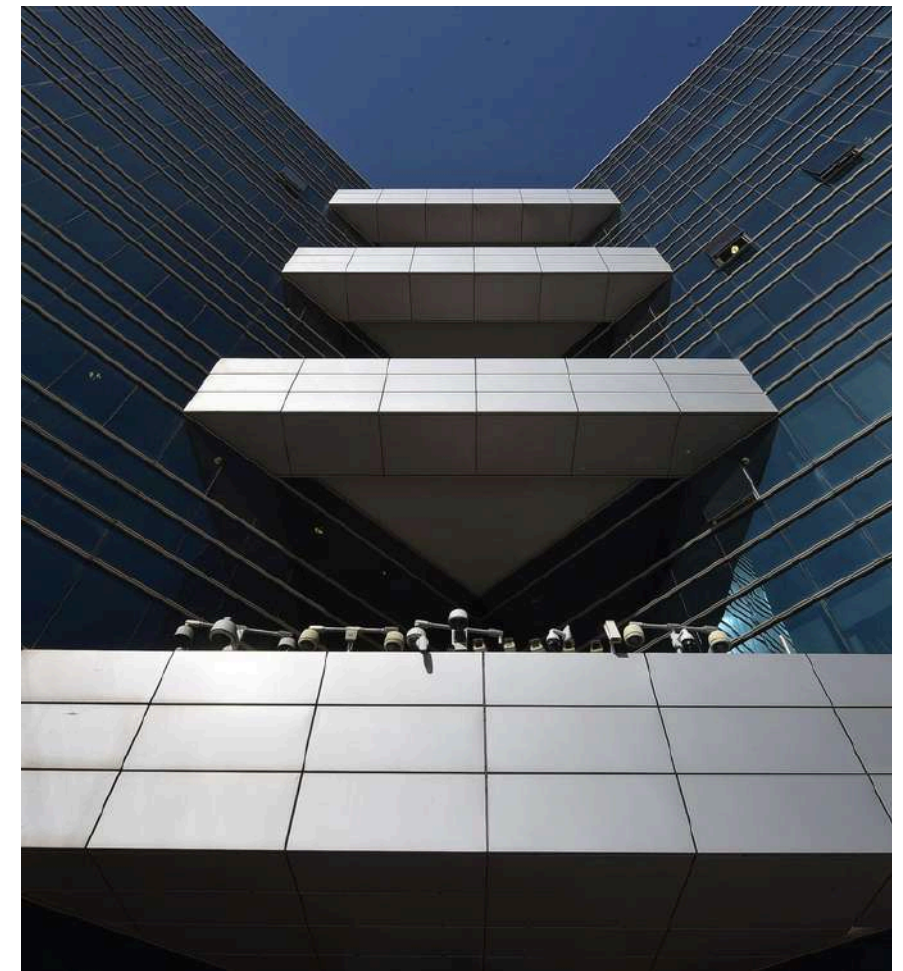
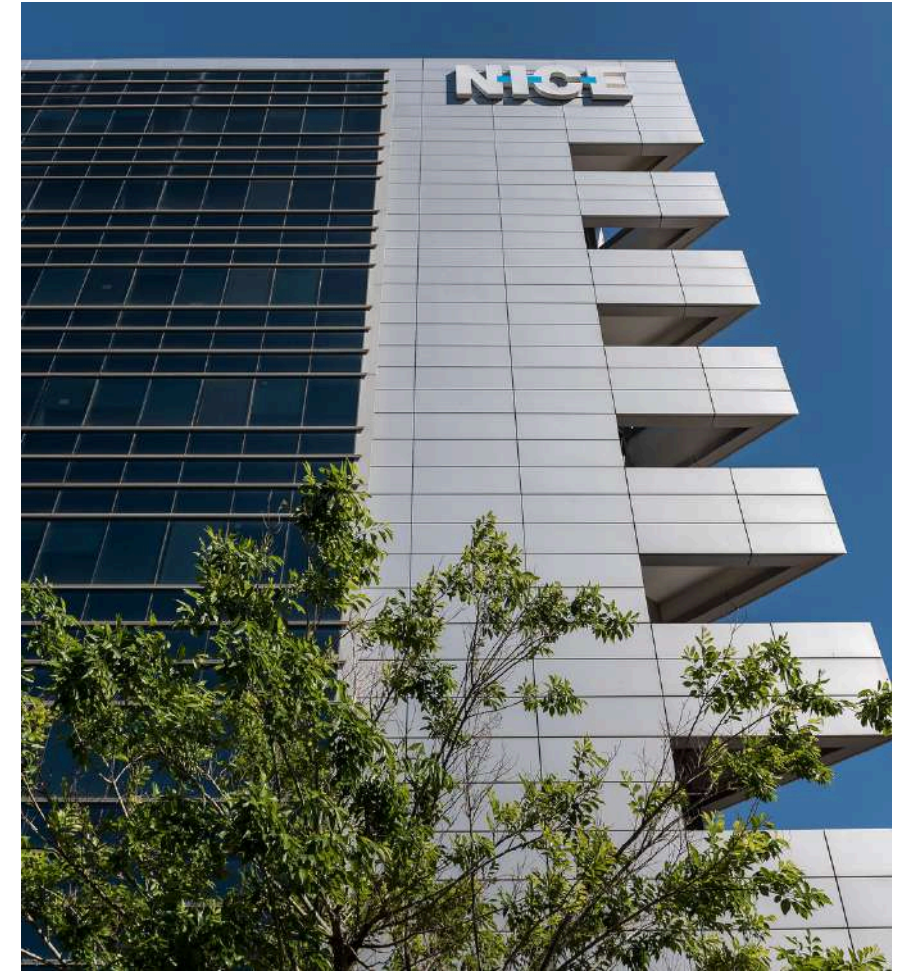
**Architectural
Cladding Solutions**

**Surface Aesthetics
& Performance**

**Global Supply
Support**

Nice Systems Headquarters – Israel





Precision Materials for Modern Showrooms

Branded Façade Expression

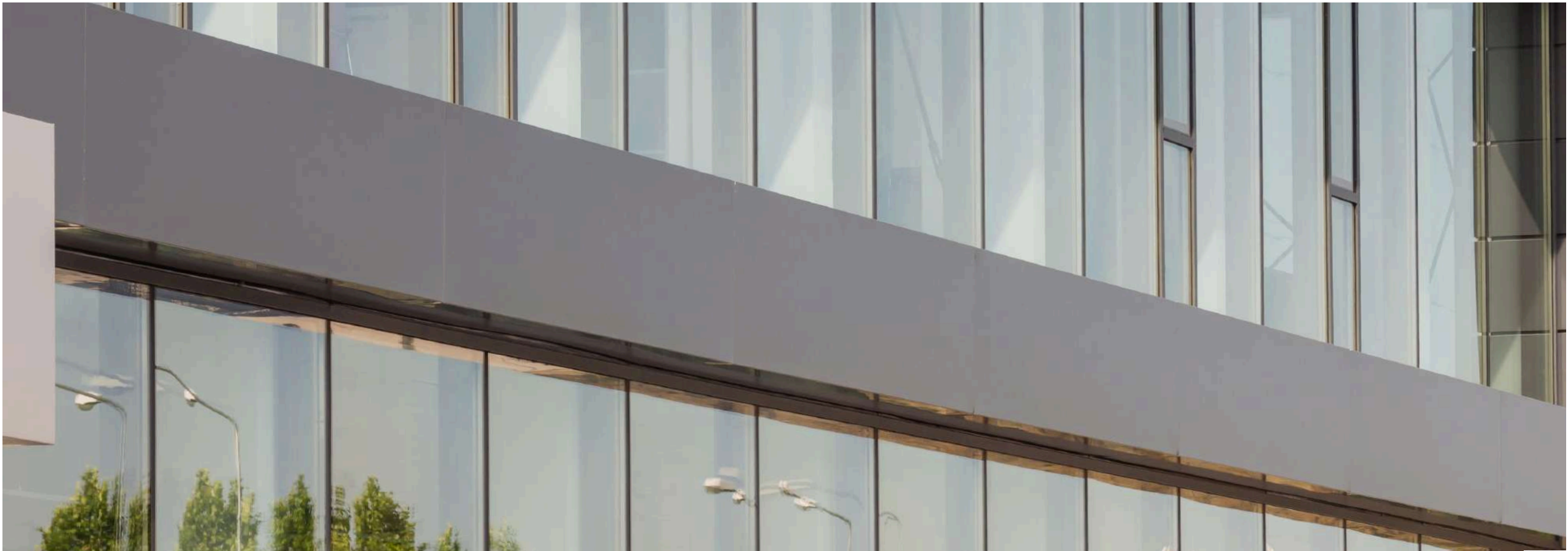
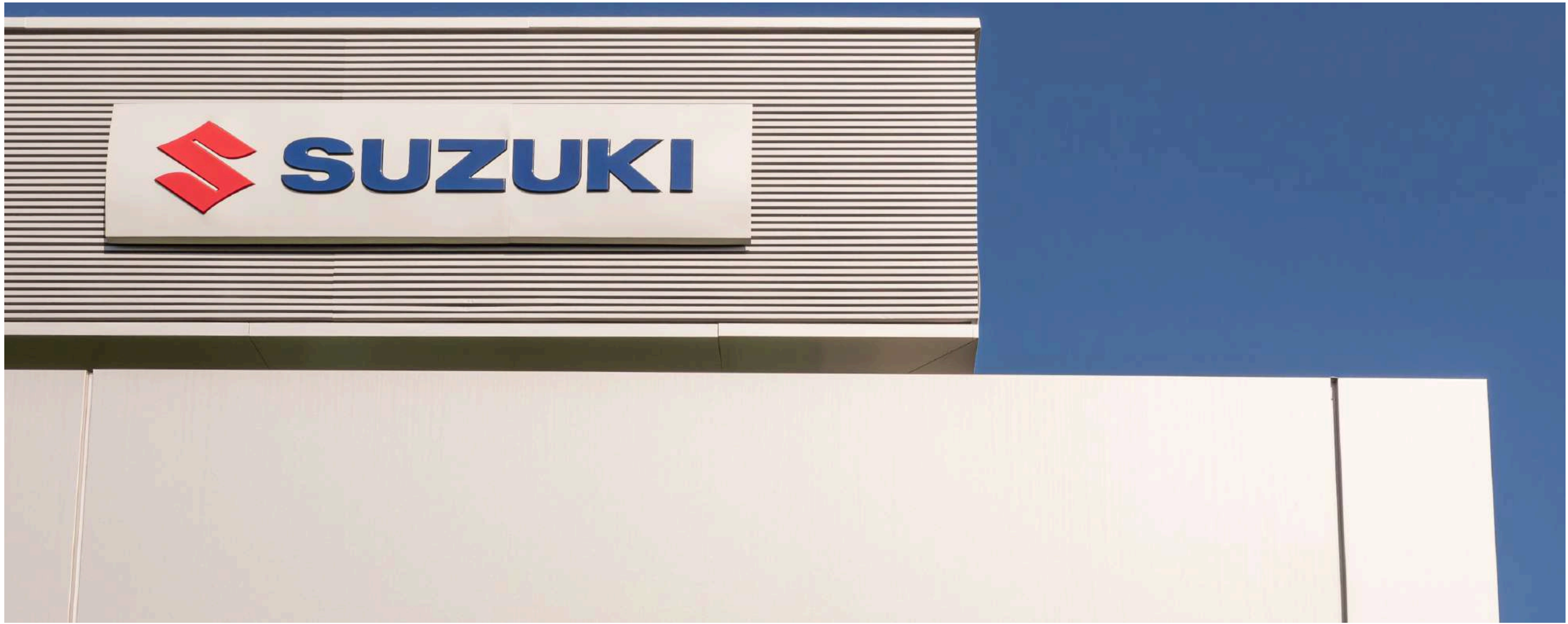
Fire-Retardant Panel Reliability

Retail-Ready Durability

The Suzuki Showroom in Bucharest features **Albond® 7000 FR** panels in a refined combination of Pearl White, Bright Silver, and Anthracite Grey. Designed to reflect the brand's modern identity, this façade solution brings together aesthetic appeal with fire-retardant performance. Our **Albond® 7000** series is engineered for commercial spaces where visual impact and safety are equally critical. The precise finish and multi-tone cladding demonstrate the flexibility of our panel systems in delivering sleek and durable building envelopes.

Suzuki Showroom – Romania







GOLDEN ELEGANCE IN BOUTIQUE HOSPITALITY

Nestled in Francorchamps, Belgium, the Roannay Hotel showcases a distinctive architectural statement through its bold golden façade. Using **Albond® 9000 FR** Core panels in a premium gold finish, the project combines luxurious aesthetics with fire-retardant performance. The façade captures attention with its contemporary form while seamlessly integrating with the hotel's refined character.

Roannay, Francorchamps - Belgium

01

Signature Golden Finish

The building's exterior is defined by its radiant gold cladding, delivering a sense of prestige and exclusivity to the hotel experience.

02

Fire-Retardant Performance

Equipped with **Albond® 9000 FR** Core, the façade ensures compliance with modern fire safety standards while maintaining architectural freedom.





The Golden **Albond®** panels emphasize the building's premium feel, blending hospitality design with material innovation.

This project is a testament to the versatility of our **9000 FR Core** series—crafted for projects where appearance and safety matter equally.



Roannay's exterior reflects a boutique experience from the very first glance, thanks to seamless cladding details and rich color depth.

OUR CONTACT

With **Albond® 9000 FR Core** panels in radiant gold, Roannay Hotel becomes a landmark of elegance in Francorchamps. Designed for durability, safety, and refined aesthetics, this façade solution is an ideal match for exclusive hospitality venues aiming to make a bold architectural statement.



Our panels offer long-lasting color stability, flawless surface finishes, and trusted fire resistance—backed by a manufacturing process that ensures excellence in every detail.

Clean Lines, Confident Presence **

Timeless Architectural Neutrality

A pure white façade that complements modern workspaces with elegance and simplicity.



Reliable Fire-Resistant Performance

Albond® 9000 FR Core panels meet international safety standards for commercial settings.



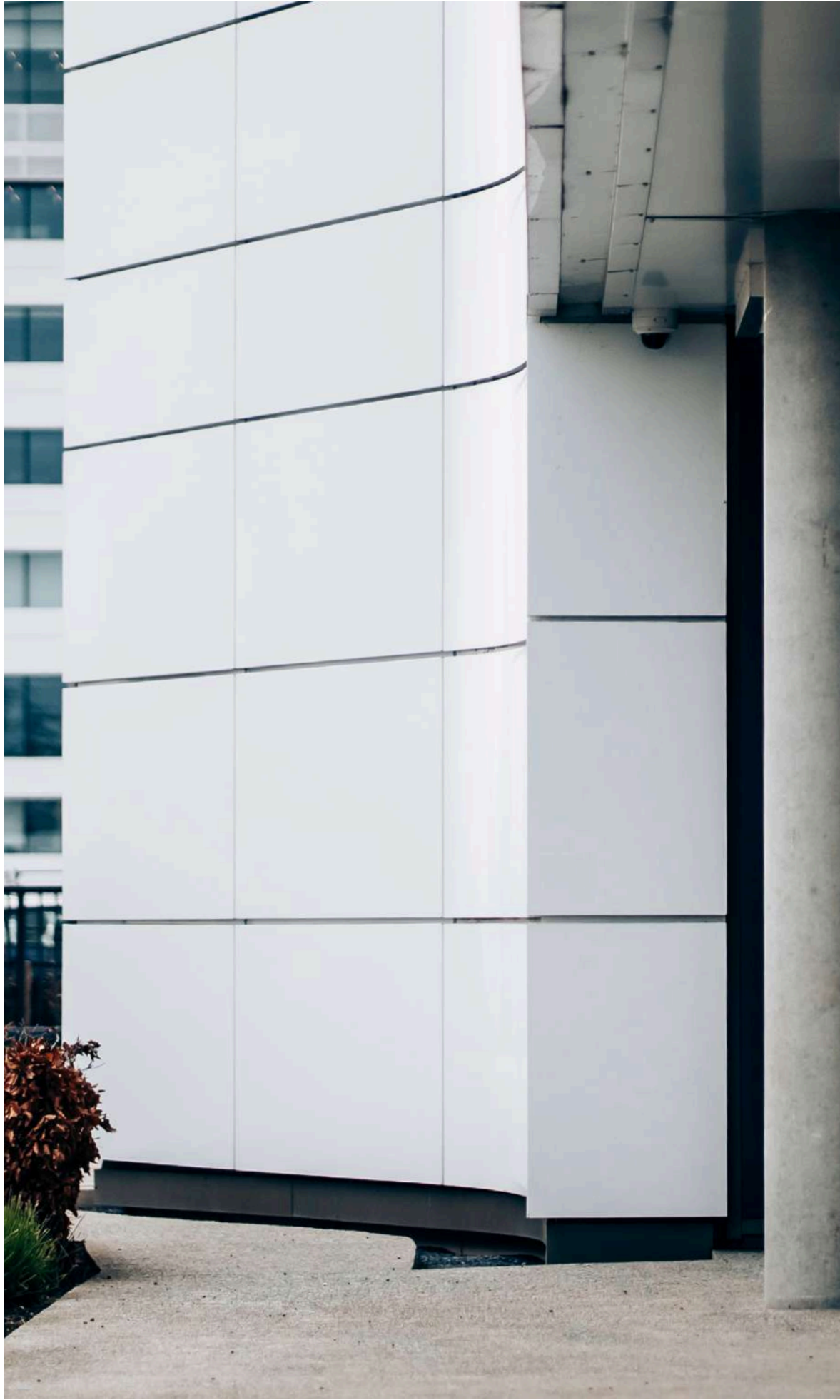
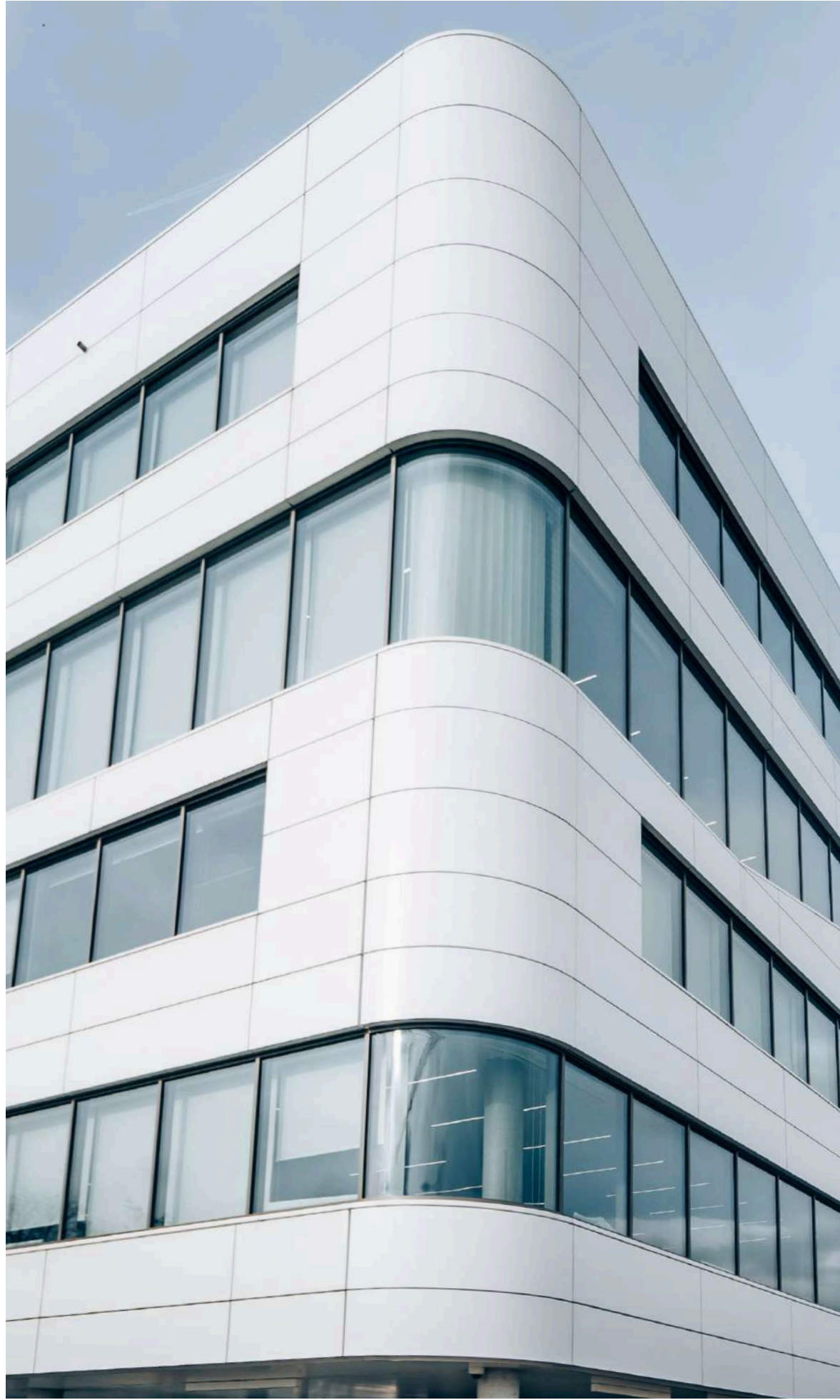
Low-Maintenance Urban Durability

Designed for longevity and resistance to environmental stress in high-traffic zones.

Located in Liège, Belgium, this commercial building exemplifies a modern minimalist approach through its pure white façade. Clad in **Albond® 9000 FR Core** panels in Traffic White, the structure projects clarity, professionalism, and precision. Designed for durability and high fire resistance, our panels support the building's clean design language while ensuring long-term performance.

Bel - Belgium







Modern Living Through Smart Façade Design

01

Contemporary Identity

The façade integrates Albond® 9000 FR panels in Black Grey and Silver to deliver a bold, modern character that defines the residential complex.

02

Performance Meets Comfort

Fire-retardant paneling enhances building safety while supporting long-term durability in Estonia's challenging climate.

Vektor - Estonia

URBAN HOUSING WITH ELEVATED DESIGN



Vektor Residential Complex in Tallinn showcases how architectural cladding can shape urban environments. With **Albond® 9000 FR** panels, the buildings reflect strength, simplicity, and sleek sophistication. The contrast of dark and metallic tones offers visual rhythm while maintaining functional integrity.

Bright Simplicity in Retail Architecture

Minimal Aesthetic Impact

Crisp white tones provide a fresh, welcoming appearance that amplifies brand visibility.

A2-Grade Safety Assurance

Certified fire-retardant performance for peace of mind in busy public areas.

Retail Environment Ready

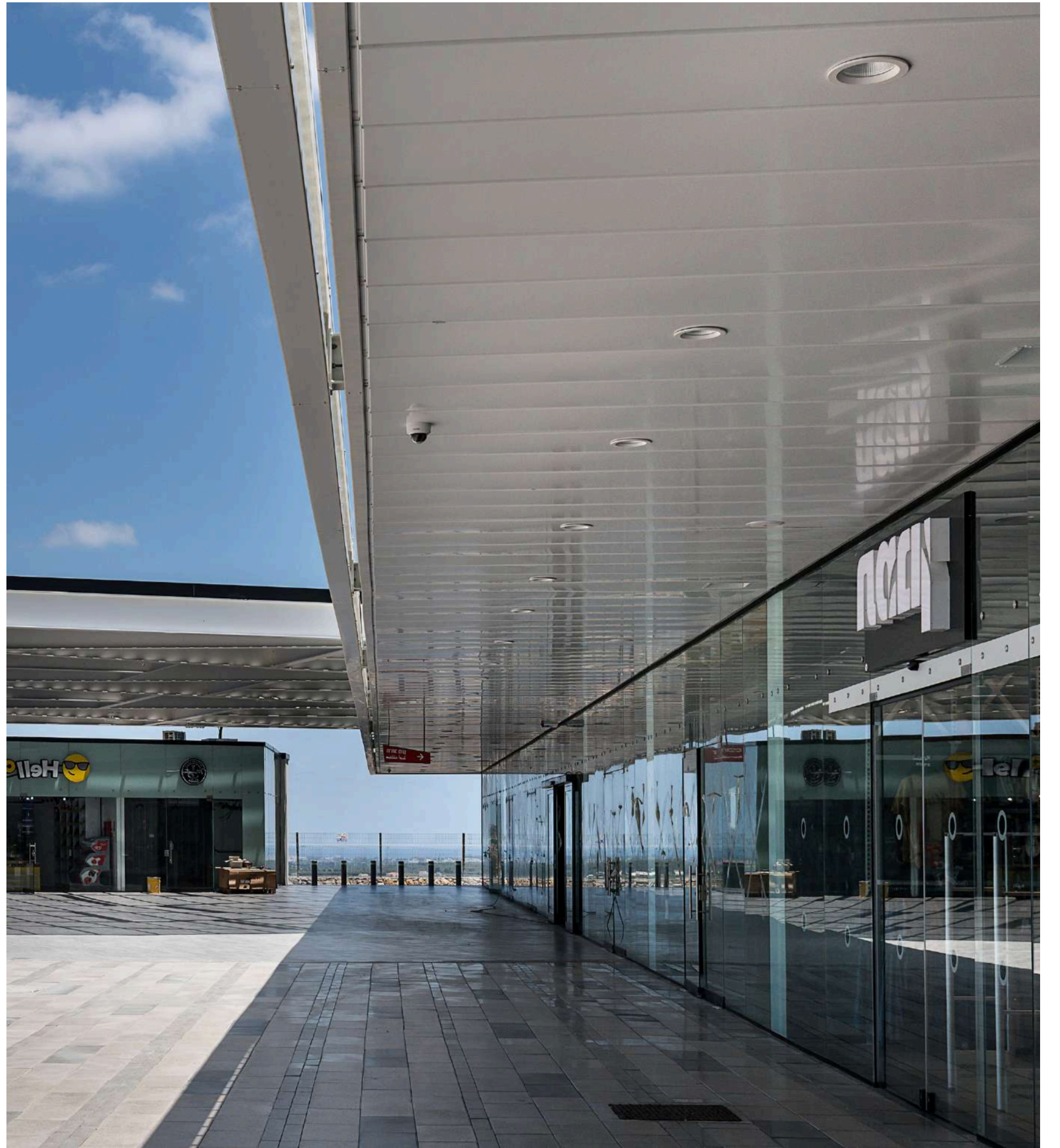
Durable, low-maintenance surfaces that withstand heavy daily footfall and weather exposure.

Located within an open-air retail setting, the SEVEN Amit Goshier Complex presents a seamless fusion of minimal design and functional durability. Clad in **Albond® 9000 A2** panels in Pure White, the façade radiates cleanliness and clarity—perfectly suited for modern commercial environments. The A2 fire classification ensures the highest level of safety, making it ideal for high-traffic public zones. This project highlights how pure design can elevate the everyday shopping experience.

Seven Complex – Israel







Industrial Strength with Architectural Clarity

The Modiin Project 3, located in Tel Aviv, stands as a benchmark in industrial facility design. Featuring **Albond® 9000 FR Core** panels in Aluminium Grey, the building delivers both functional durability and a sleek, modern aesthetic. These fire-retardant panels provide robust surface protection while visually aligning with the high-performance environment inside. The result is a clean, professional façade tailored to meet the needs of today's advanced production spaces.

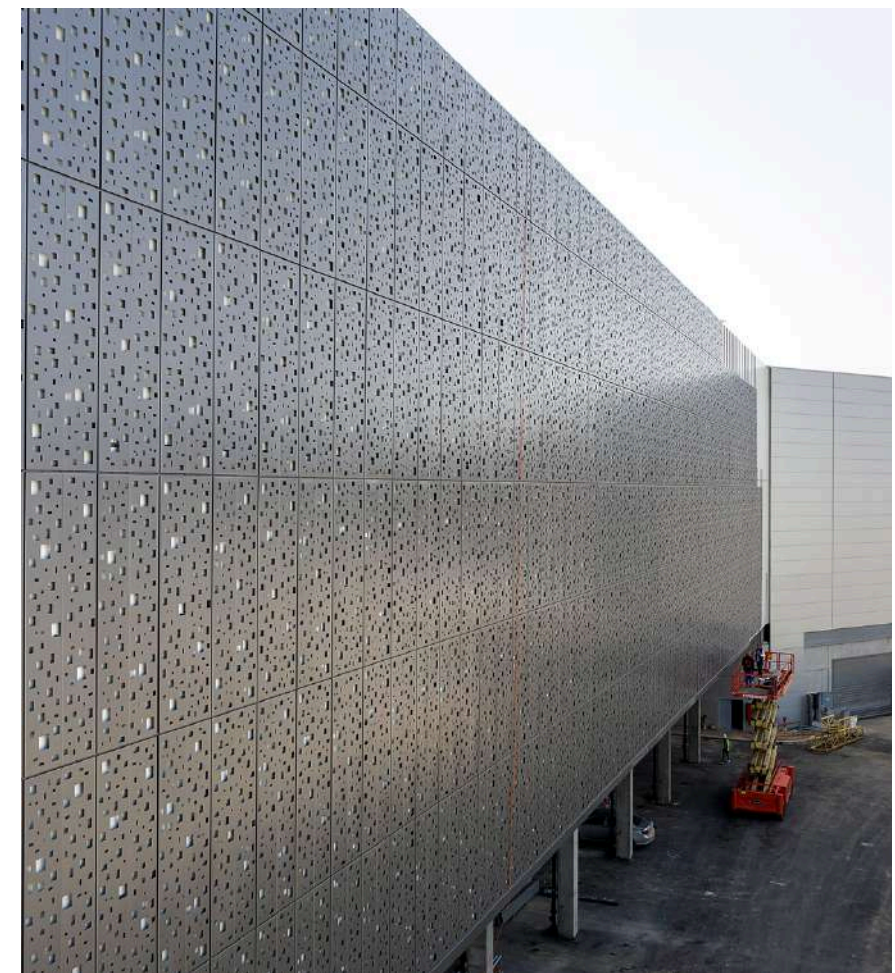
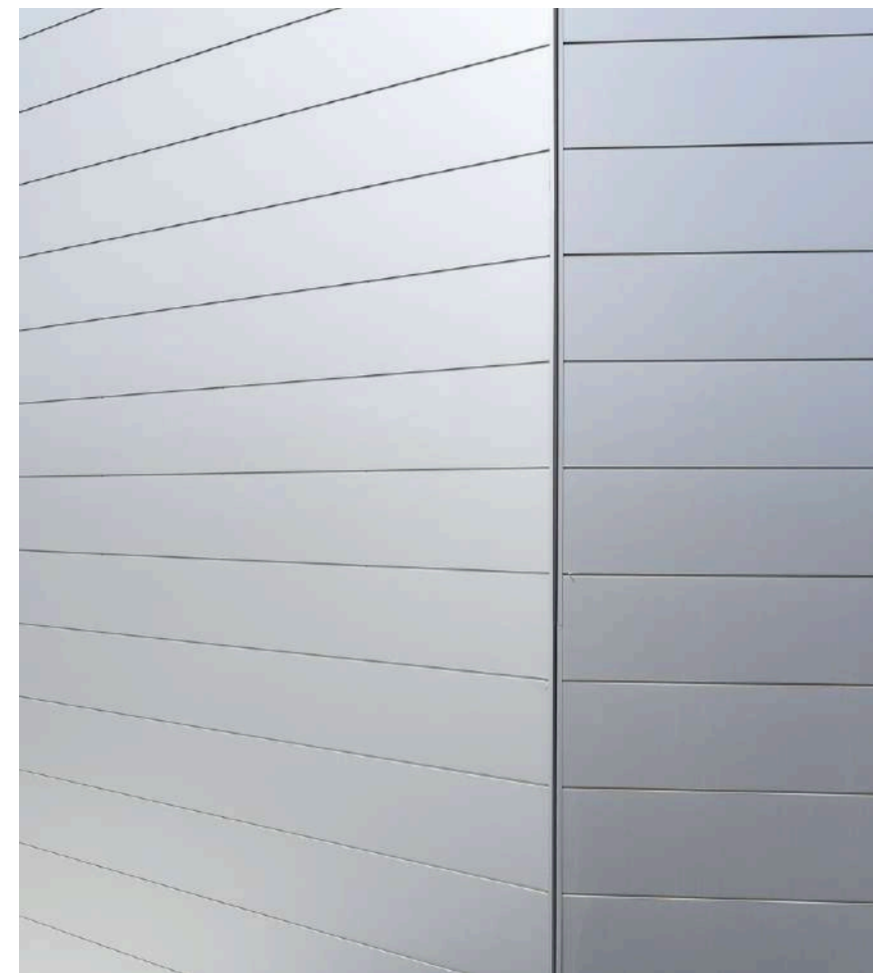
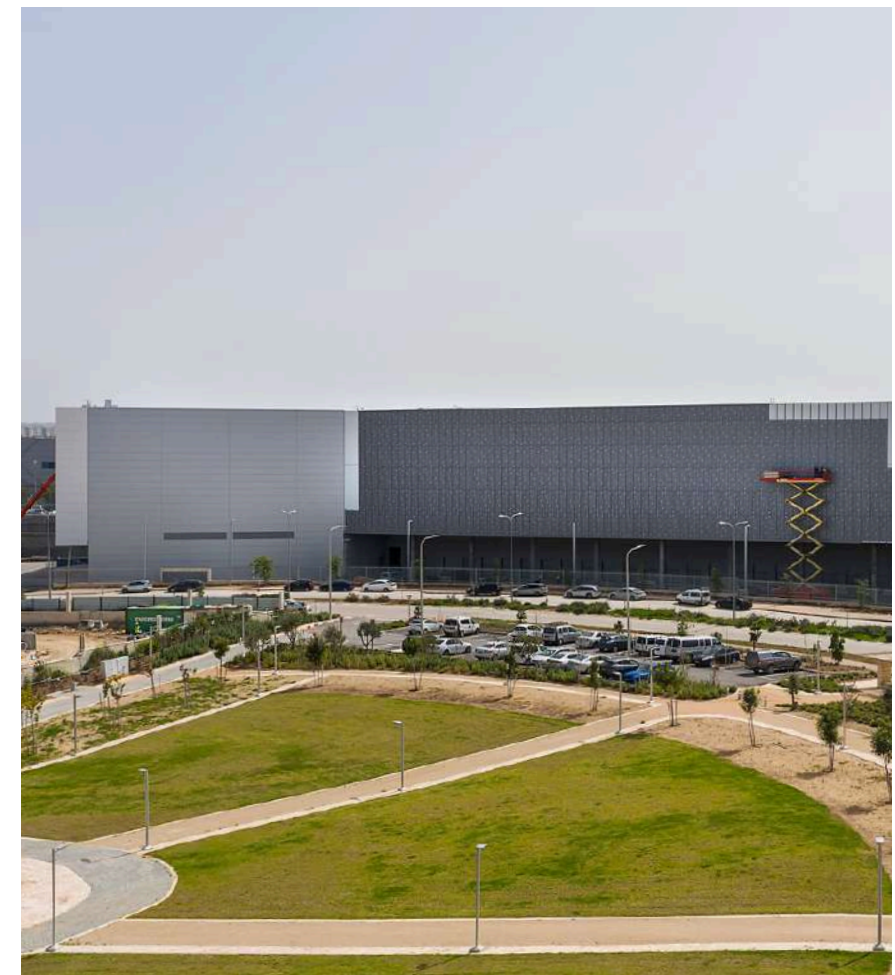
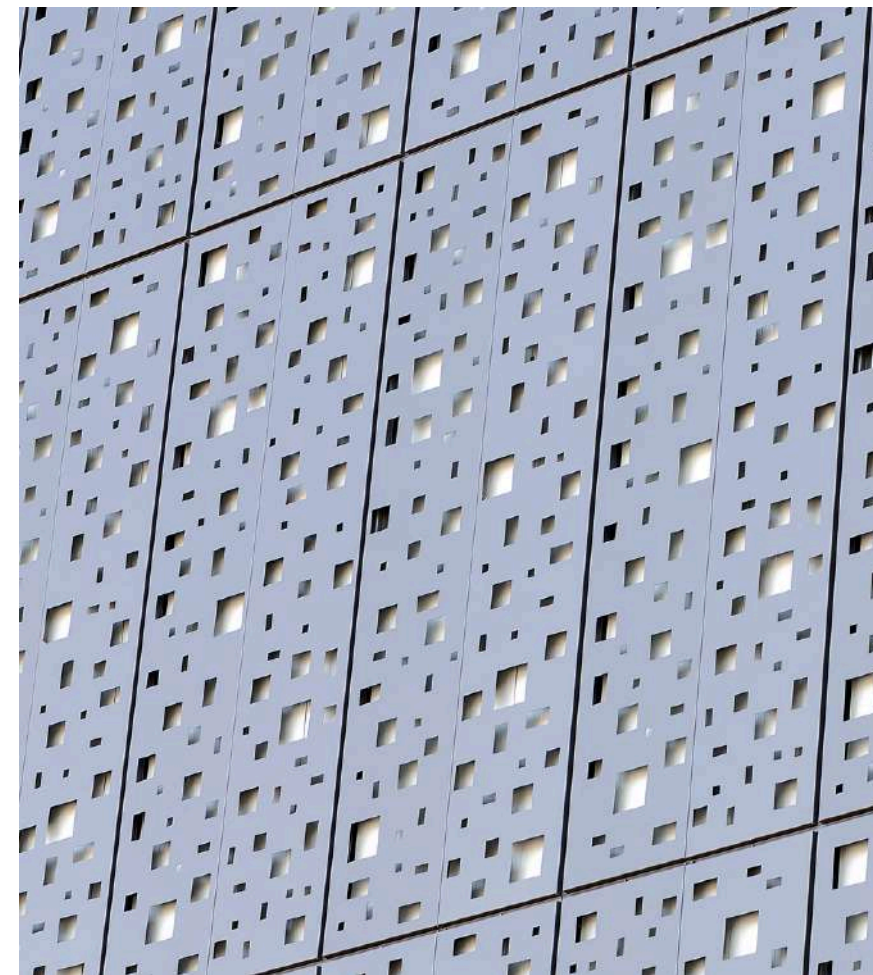
**Durable Industrial
Façade**

**Precision-Matched
Aesthetic**

**Safety-Driven
Cladding System**

Modiin Project 3 - Israel





Textured Elegance for Urban Hospitality

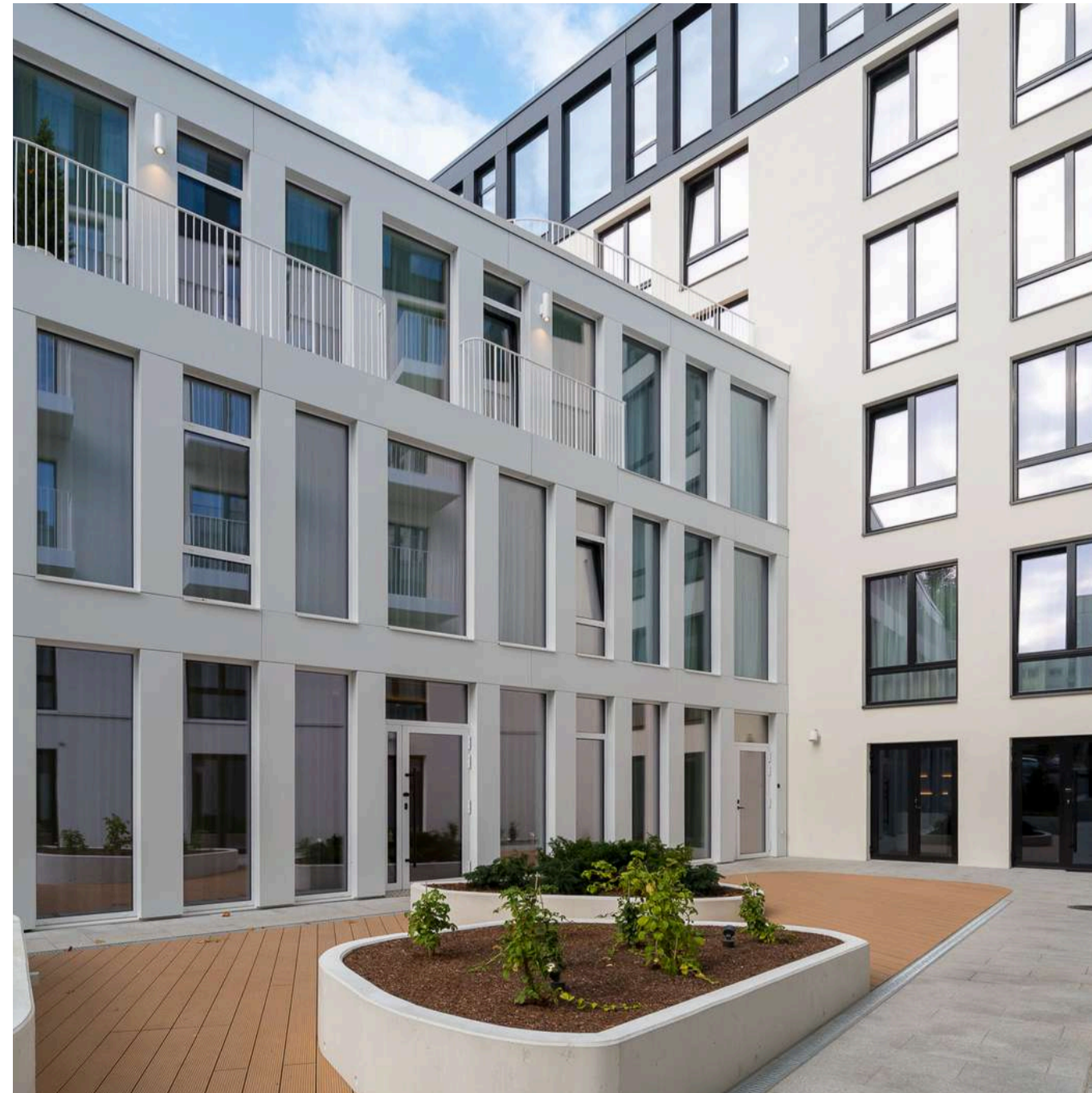
Luxury Façade with Subtle Texture

Wrinkle-finish panels enhance the visual sophistication of the hotel exterior.



Fire-Resistant Performance, Certified

Albond® 9000 FR Core provides dependable safety without compromising design.

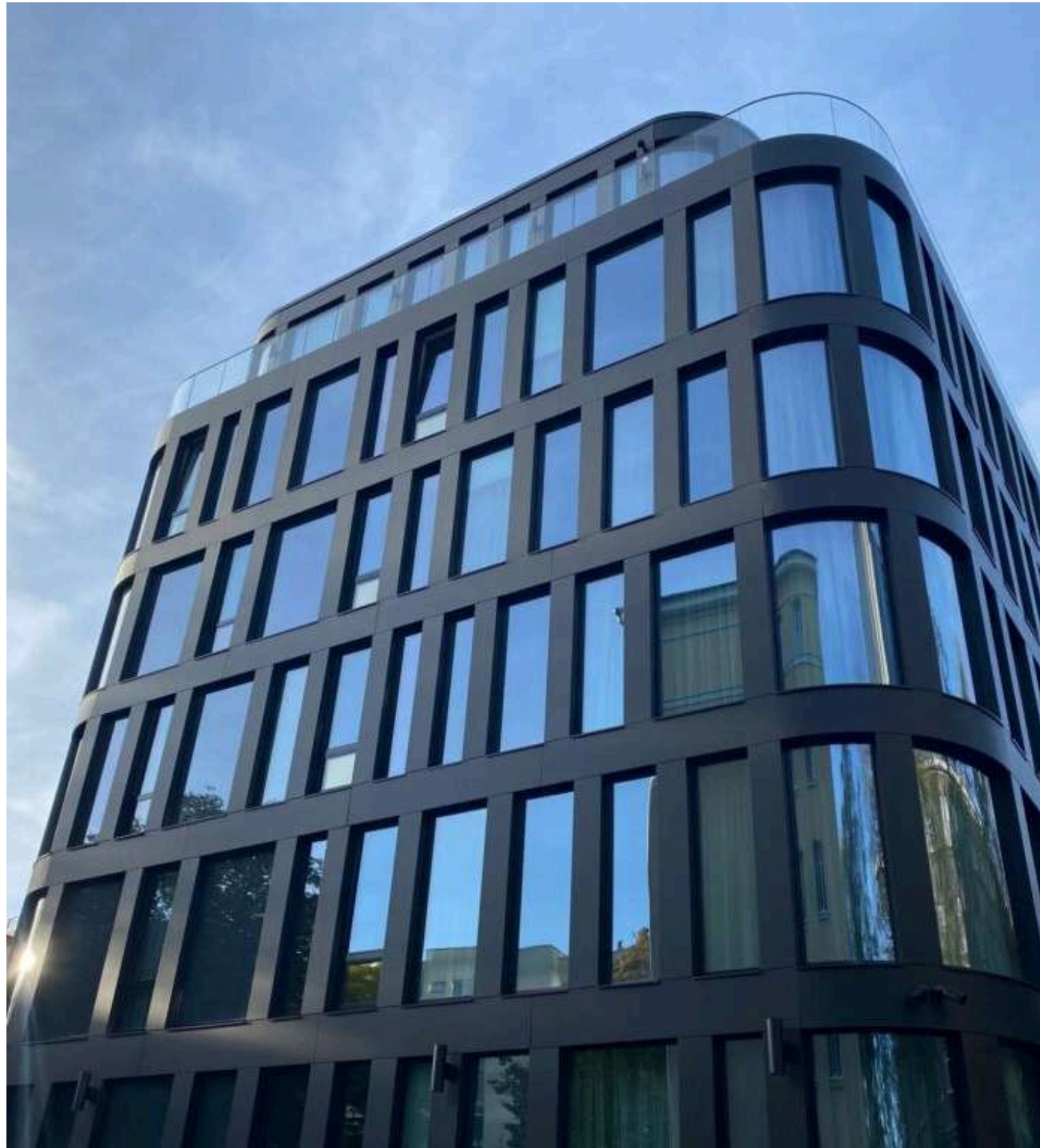


Designed for Urban Longevity

Durable cladding built to endure urban weather, pollution, and continuous guest activity.

Hotel Mövenpick L'Embitu in Tallinn redefines modern hospitality architecture through a bold contrast of **Albond® 9000 FR** panels in Wrinkle White and Wrinkle Black. The façade's refined texture adds depth and distinction to the building's appearance, reflecting both luxury and functionality. Designed to meet fire safety standards and visual excellence, this cladding system supports the hotel's premium image while ensuring long-term durability in a busy urban setting.

Hotel Mövenpick - Estonia





Production Plants

Albond's vertically integrated facility includes ACP, extrusion, coil coating, and A2 core production lines—ensuring full process control from raw material to finished panel. This structure enables consistent quality, flexible production, and rapid response to global project demands.



4

Manufacturing Line for Aluminum Composite Panels

2

Aluminium Extrusion Lines

1

Coil Coating Line

1

Electrostatic Powder Coating Line for Aluminum Profiles

1

A2 Core Production Line

1

Paint Mixing Unit

1

Slitting and Cut-to-Length Lines

ALBOND 9000 SERIES

High-performance composite panels with **PE, FR, or A2**. Compliant with international fire, mechanical, acoustic, and thermal standards. Suitable for façades and high-spec architectural projects.

TECHNICAL STRUCTURE

- Core Types: LDPE (PE), Fire Retardant (FR), Mineral (A2)
- Panel Thickness: 4–6 mm
- Aluminium Skin: 0.50 mm | Alloy: EN AW 5005 (H44–46)
- Weight (kg/m²): PE: 5.5 – 7.3 | FR: 7.4 – 10.5 | A2: 8.2
- Coating Options: Super Durable (+ EcoWall) / UsPs / PUR
- Temperature Resistance: –50 °C to +80 °C

PERFORMANCE PROPERTIES

- EN 13501-1: D-s2,d0 (PE), B-s1,d0 (FR), A2-s1,d0 (A2)
- ASTM E84: Class A (FR & A2)
- ASTM E119: 1hr (FR), 2hr (A2)
- NFPA 285: Passed (FR & A2)
- Acoustic Insulation: up to 27 dB
- Thermal Resistance: up to 0.0103 m²K/W

SUPER DURABLE COATING

Architectural coil coating system using 70/30 PVDF resins (**KYNAR 500® / HYLAR 5000®**) with exceptional UV, corrosion, and chemical resistance. Designed for façades and exterior building surfaces.

TECHNICAL STRUCTURE

- Pretreatment: Chromium-free conversion layer
- Coating Layers: Primer (10±2 µm), PVDF (20±2 µm), Optional Clearcoat (15±2 µm)
- Backing Coat: Epoxy / Polyester (5±2 µm)

PERFORMANCE PROPERTIES

- T-Bend: Max 1T | Cupping: 6 mm | Cross-Cut Adhesion: 100%
- Gloss (60°): 5–90% | Color Difference (ΔE): < 1.0 (Solid)
- MEK Resistance: >100 rubs | UV Resistance: ΔE < 2 (2000h)
- Salt Spray: 1000h – Pass | Compliance: EN 13523, AAMA-620



ULTRA SHADES PAINT SYSTEM

Economic yet highly durable coating based on HDPE resins. Offers strong UV and corrosion resistance, ideal for industrial and architectural aluminium applications.

TECHNICAL STRUCTURE

- Coating Layers: Primer ($5\pm2\ \mu\text{m}$), Basecoat ($20\pm2\ \mu\text{m}$)
- Total Coating Thickness: 21–29 μm
- Backing Coat: Epoxy / Polyester ($5\pm2\ \mu\text{m}$)

PERFORMANCE PROPERTIES

- T-Bend: 0–1.5T | Impact: 7.5 J – Pass
 - Gloss: Tolerant | Color Matching (solid): $\Delta E < 1.0$
 - UV Resistance (QUV-A, 2000h): Pass
 - Salt Spray (1500h): Pass | MEK Resistance: 100 DBR
 - Humidity & Alkali Resistance: Pass | Abrasion: $< 40\ \text{mg}$
-



BBA Agrément Certificate

Organization: British Board of Agrément – United Kingdom

Certificate Number: 21/5897

Product: ALBOND Aluminium Composite Cladding Panels

Model: ALBOND 9000/FR

Scope:

Flat aluminium composite panels for use in back-ventilated and drained rain-screen cladding systems.

Certified for:

- Structural stability under UK wind load conditions
- Fire performance: B-s1, d0 classification (EN 13501-1:2013)
- Water and air resistance
- Durability of at least 30 years in typical conditions

Certified for use on new and existing buildings with compliance to UK Building Regulations.



Hotel Mövenpick - Estonia



QB Certificate – CSTB

Organization: Centre Scientifique et Technique du Bâtiment - France

Certificate Number: RA23-0157 (A2) / RA23-0068 (FR)

Product: ALBOND Aluminium Composite Cladding Panels

Model: ALBOND 9000 A2 & ALBOND 9000 FR

Scope:

Tested and classified under the QB Mark scheme for:

- **Reaction to Fire Performance** according to EN 13501-1
 - ALBOND 9000 A2: Class A2-s1, d0
 - ALBOND 9000 FR: Class B-s1, d0
- **Wind Load Resistance** on riveted and cassette systems (up to 8,761 Pa)
- **Seismic Testing** for façade cladding systems
- **Durability Performance** for A2 and FR cores under aging and peel strength evaluations

Certified for use in external ventilated façades in compliance with French and EU construction standards.





DITplus Certificate

Organization: Instituto de Ciencias de la Construcción Eduardo Torroja (IETcc) - Spain

Certificate Number: DITplus No. 658p/21

Product: ALBOND Aluminium Composite Cladding Systems

Model: Albond SC, Albond RSC, Albond RB, Albond SZ

Scope:

Favorable technical evaluation (DITplus) for use in **ventilated façade systems**, including:

- ALBOND 9000 FR and PE panels
- Cassette, riveted, and mechanically fixed systems
- Complies with Spanish Building Technical Code (CTE) for mechanical resistance, fire behavior, and installation requirements

Certified for use in new and existing buildings in accordance with Spanish and European façade performance standards.



Seven Complex – Israel



ITB Technical Assessment

Organization: Building Research Institute (ITB) – Poland

Certificate Number:

- ALBOND 9000 FR: ITB-KOT-2019/1129
- ALBOND 7000 FR: ITB-KOT-2019/1128

Product: ALBOND Aluminium Composite Panels

Model: ALBOND 9000 FR, ALBOND 7000 FR

Scope:

Polish National Technical Assessments for use in external ventilated façade cladding systems.

Certified performance includes:

- Mechanical resistance and stability
- Reaction to fire
- Durability and safety in use

Certified for use in building envelopes according to Polish construction regulations and technical standards.



Vektor – Estonia



TBW Certification

Organization: Thomas Bell-Wright International Consultants (TBWIC) – Dubai

Certificate Number: TBW0301108, TBW0301109, TBW0301110

Product: ALBOND Aluminium Composite Panels (FR & A2 Grades)

Model: ALBOND 9000 A2 & ALBOND 9000 FR

Scope:

Certified by TBWIC under ISO/IEC 17065 for use in fire-rated and performance-tested façade applications.

Key elements include:

- Compliance with **NFPA 285**, **ASTM E84**, and **EN 13501-1** fire classification standards
- Evaluation of durability, production control, and marking traceability
- Authorization to use the official **TBWIC Certification Mark** on approved products

Certified for use in external wall systems in accordance with international façade fire safety standards.



Suzuki Showroom – Romania



VKF Certification

Organization: Association of Cantonal Fire Insurance Establishments (VKF AEAI) - Switzerland

Certificate Number:

- ALBOND 9000 A2: AEAI No. 27487
- ALBOND 9000 FR: AEAI No. 27489
- ALBOND 9000 PE: AEAI No. 27490

Product: ALBOND Aluminium Composite Panels

Model: ALBOND 9000 A2 & ALBOND 9000 FR & ALBOND 9000 PE

Scope:

Certified resistance against hail impact for façade sandwich panels under AEAI VKF guidelines.

Classifications achieved:

- **Functionality (Watertightness):** RG 5 (highest class)
- **Appearance after impact:**
 - A2: RG 4
 - FR & PE: RG 3

Tested in accordance with **VKF test specification No. 20**, under sloped impact conditions with 5 cm ice balls.

Certified for use in Swiss construction according to AEAI performance and durability standards for external building envelopes.



Roannay, Francorchamps - Belgium



ETA

Organization: ETA – European Organisation for Technical Assessment

Certificate Number:

- ETA 19/0654 – ALBOND SC
- ETA 19/0655 – ALBOND RB
- ETA 19/0656 – ALBOND SZ

Product: ALBOND Aluminium Composite Panels

Model: ALBOND 9000 PE / FR – SC, RB, SZ Systems

Scope:

Approved under European Assessment Document (EAD 090062-00-0404) for use in ventilated façade systems.

Certified performance includes:

- **Reaction to fire:** ALBOND FR classified as **B-s1, d0** (EN 13501-1)
- **Wind load resistance up to 3400 Pa** with no failure
- **Impact resistance** and **mechanical performance** in fixed, riveted, and cassette systems
- Designed for use on both new and existing buildings in the European Economic Area (EEA)

Certified for conformity under **EU Regulation 305/2011 (Construction Products Regulation)**.



Nice Systems Headquarters – Israel

Environmental Product Declarations

- For further details, refer to EPD-IES-0016136 and respective panel EPD documents.



Albond holds two independently verified Environmental Product Declarations (EPDs) certified under ISO 14025 and EN 15804.

The EPDs cover:

- Aluminium Composite Panels (PE, FR, A2 cores)
- Painted Aluminium Sheets (HDPE, PVDF, PE coatings)

LCA methodology includes cradle-to-gate analysis with optional modules (A1–A3 + C1–C4 + D).

Third-party verified by Intertek Assuris under the International EPD® System.

Compliant with PCR 2019:14 Construction Products v1.3.3.

Support credit achievement in LEED, BREEAM, and other green building rating systems.

Available globally with transparency on environmental impacts such as GWP, energy use, and resource depletion.

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Building for Tomorrow

LEED Contribution



Albond products contribute to multiple **LEED** credits under the **LEED v4** and **v4.1** rating systems:

Materials & Resources (MR):

- Environmental Product Declarations (EPD) –
 - Option 1
 - Material Ingredient Optimization (through safe compositions)

Indoor Environmental Quality (EQ):

- Low-Emitting Materials (for pre-painted aluminum coatings)

Additional Contributions:

- Regional materials (based on project location)
- Recycled content (depending on project specification)

Albond's third-party verified EPDs and clean production technologies provide measurable benefits to sustainable building projects worldwide.