

TB50 CURTAIN WALL SYSTEM

DURABLE & VERSATILE CURTAIN WALL

Performance

Thermally broken drained and ventilated facade with Uf Values ranging

between 1.2 - 2.4 W/m²K

Glazing opportunities of up to 52 mm

Fully tested to CWCT & AAMA standards

Mullion & Transom Options

Capped - 50 mm external sight line Structurally glazed external sight line - 22 mm Standard mullion depths available from 50 mm to 275 m Transom range from 45 mm to 195 mm

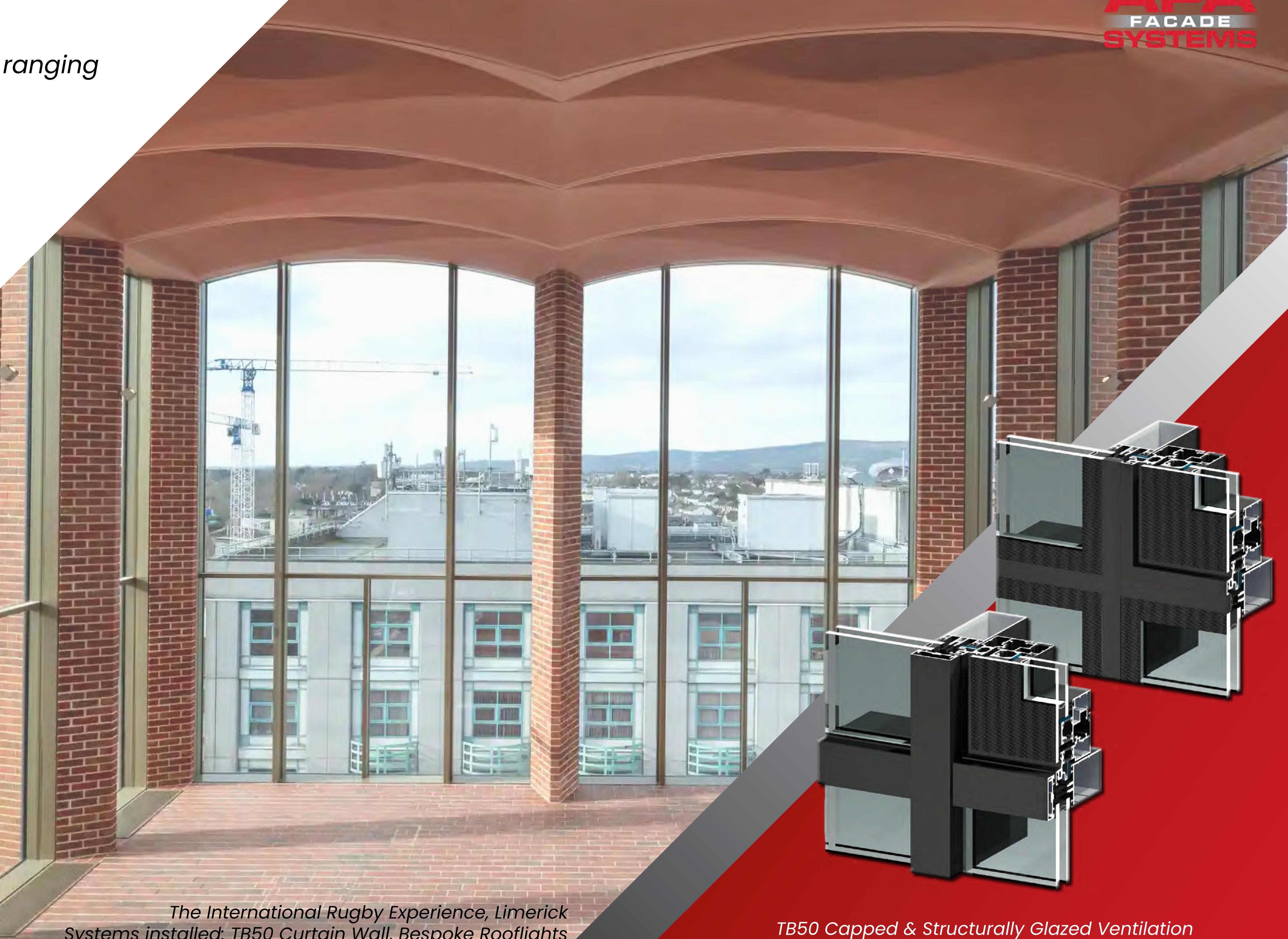
Integration Possibilities

Capped and structurally glazed ventilation options 30-minute non-structural fire-rated system available ST rebated door systems

Horizontal & vertical brise soleil Glazed-in & continuous cladding louvres

Capping & External Finishes

Multiple external capped & structurally glazed finishes Single or dual colour Over 200 RAL colours Qualicoat Powder Coating



Systems installed: TB50 Curtain Wall, Bespoke Rooflights



CURTAIN WALL INTEGRATIONS

REBATED DOORS, BRISE SOLEIL & LOUVRES



Our robust aluminum commercial doors are meticulously crafted and rigorously tested to withstand extensive use in high-traffic environments.

Each system is can be easily integrated with our capped or structurally glazed

Brise Soleil (Solar Shading)

Various elliptical blades ranging in size from 100mm to 450mm Horizontal or Vertical positioning

Can fully integrate into our Curtain Wall and ST Window Systems
Array of accessories available allowing for direct fitting within the facade
CWCT tested to highest standards



APA L20 glazed in Louvre Panel System

Suitable for use in most façade and window systems.

Glazed solutions available 28mm in thickness

APA L50/L75 Continuous Cladding Louvre Systems

Suitable for use in most cladding and rain screen applications Blade sizes 50mm and 75mm





Human Biology Building, NUIG - Integrated Louvres



Sustainability

Our profiles are manufactured with a significant proportion of recycled aluminium, reinforcing our commitment to sustainable manufacturing practices. Recycling aluminium requires 95% less energy and thus produces 95% fewer greenhouse gas emissions than produced during primary production, whilst still retaining 100% of its mechanical properties.

At APA, our window systems are fabricated with expandable cast cleats and secured with conical screws. This allows them to be dismantled, recycled, reproduced and reused, contributing to the circular economy of the construction industry.

Our profiles have been installed on LEED Platinum and BREEAM outstanding certified projects - representing the pinnacle of sustainable building standards.

Environmental Product Declarations

Each of our products are accompanied by an Environmental Product Declaration (EPD). An EPD is a comprehensive document that provides detailed information about the environmental impacts and sustainability of a specific product throughout its entire life cycle.

We developed EPD's as a valuable tool for sustainability-conscious architects and contractors to help them make informed decisions that align with the sustainability goals of the project.

Locations

<u>Dublin</u>

Unit 12, Parkmore Industrial Estate, Longmile Road, Dublin D12 VXH9 +353 (0) 1 450 9102

Life Cycle Of Our Aluminium Profiles

