

APA
FACADE
SYSTEMS



CS180HI

THERMALLY BROKEN ALUMINIUM COMMERCIAL
SWING DOOR WITH ANTI-FINGER TRAP PROTECTION

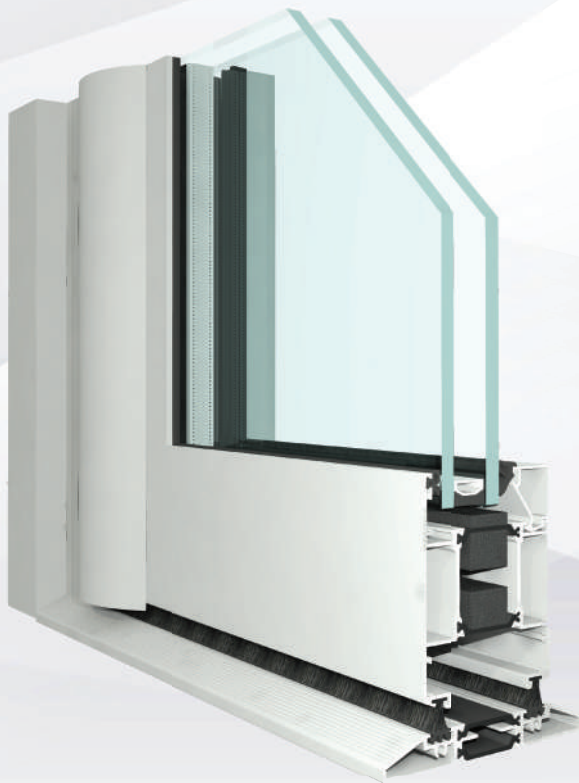
APA SHOWROOM, DUBLIN

Systems installed: CS180HI Commercial Door, TB50 Curtain Wall System



CS180HI COMMERCIAL SWING DOOR

THERMALLY BROKEN & ANTI-FINGER TRAP PROTECTION



Designed with integrated Anti-Finger Trap protection, it is the perfect solution for schools, public buildings and entrances to apartment blocks

Thermal Performance

Uw values as low as 1.2 W/m²K (single or double leaf)
Assembly thermal evaluations issued by IFT Rosenheim

Glazing Opportunities & Door Variants

Glazing: Double or triple glazed from 28 mm to 50 mm

Variants: Inward, Outward, Inward & Outward Opening

Security & Accessibility

Security: High security locking systems

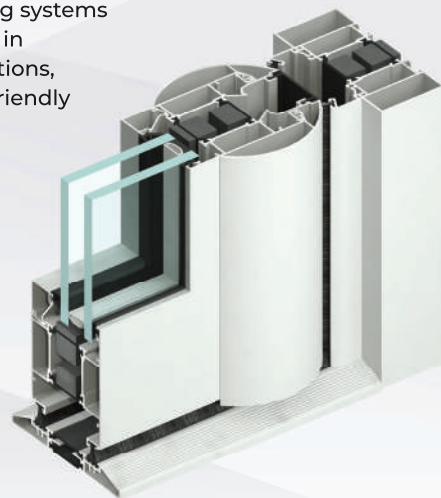
Accessibility: Doors available in single/double door configurations, emergency exit, wheelchair friendly

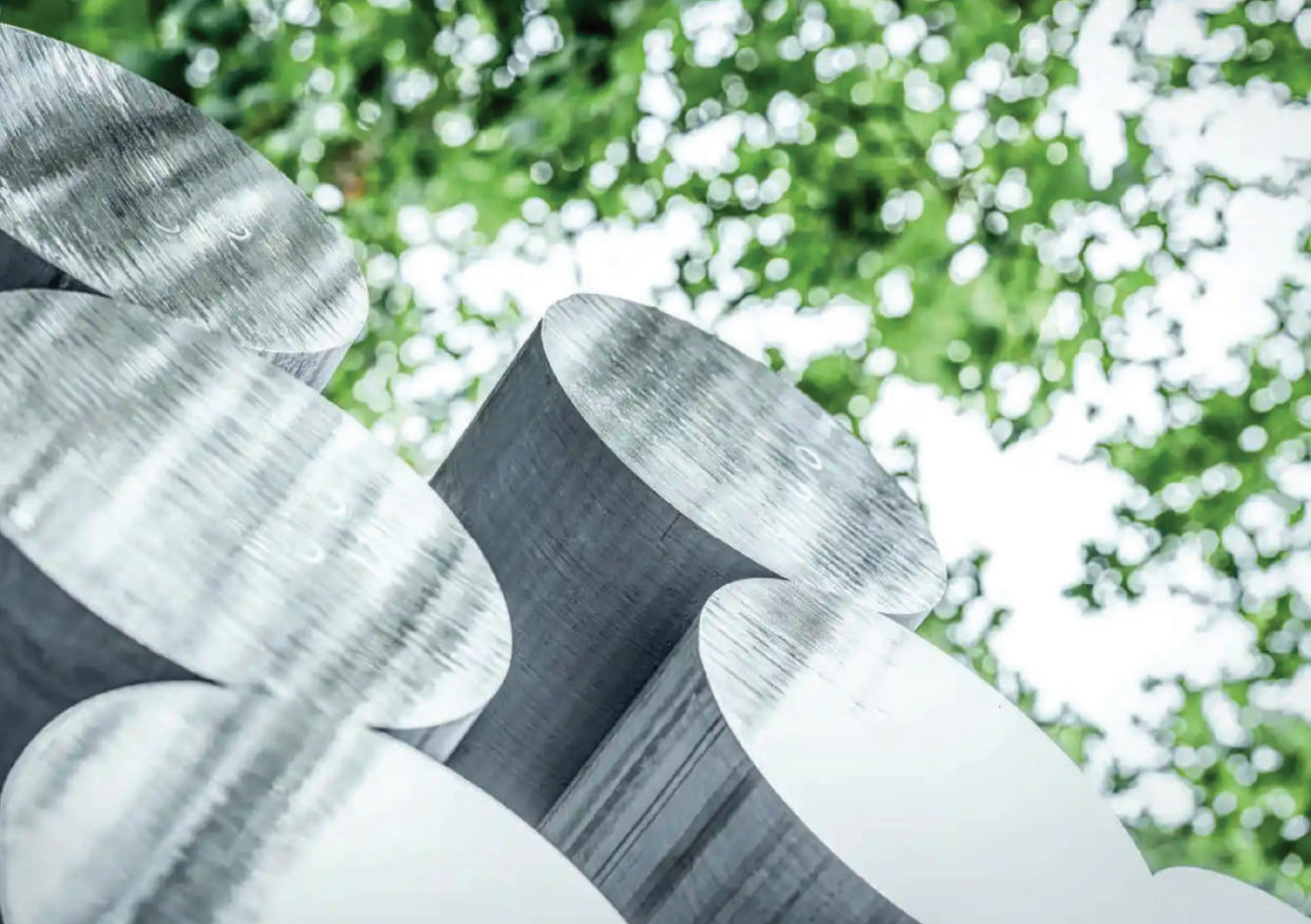
Available Finishes

Single or dual colour

Over 200 RAL colours

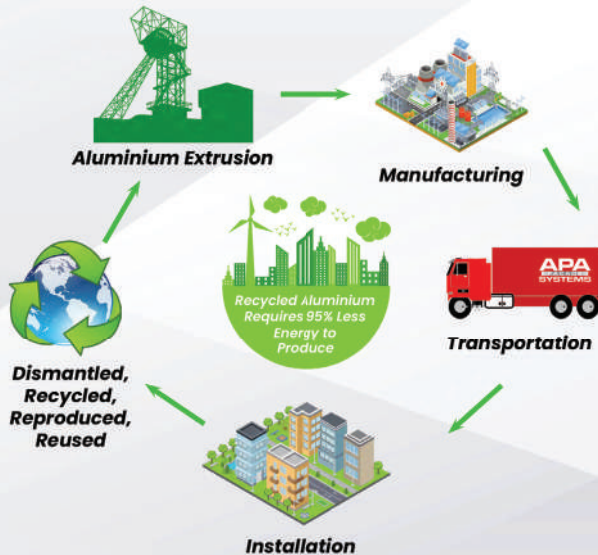
Qualicoat Powder Coating





SUSTAINABILITY

LIFE CYCLE OF OUR ALUMINIUM PROFILES



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.



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