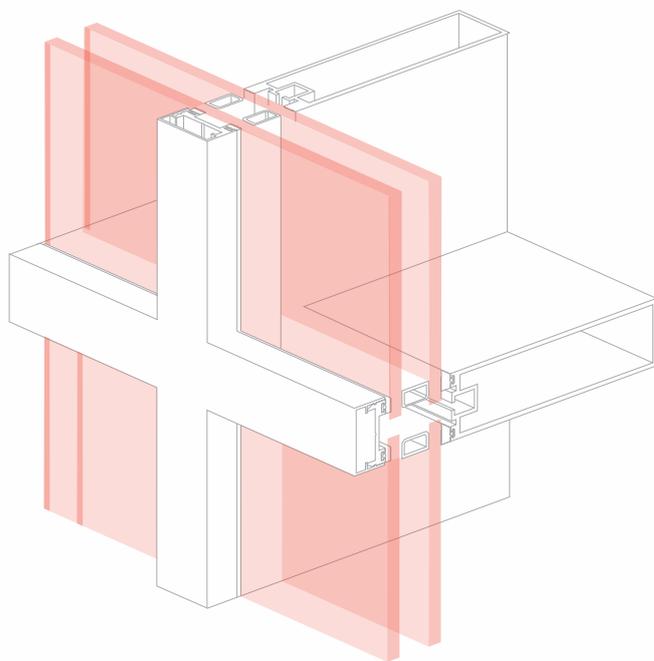


SAUC

MINIMAL SYSTEMS PVT LTD

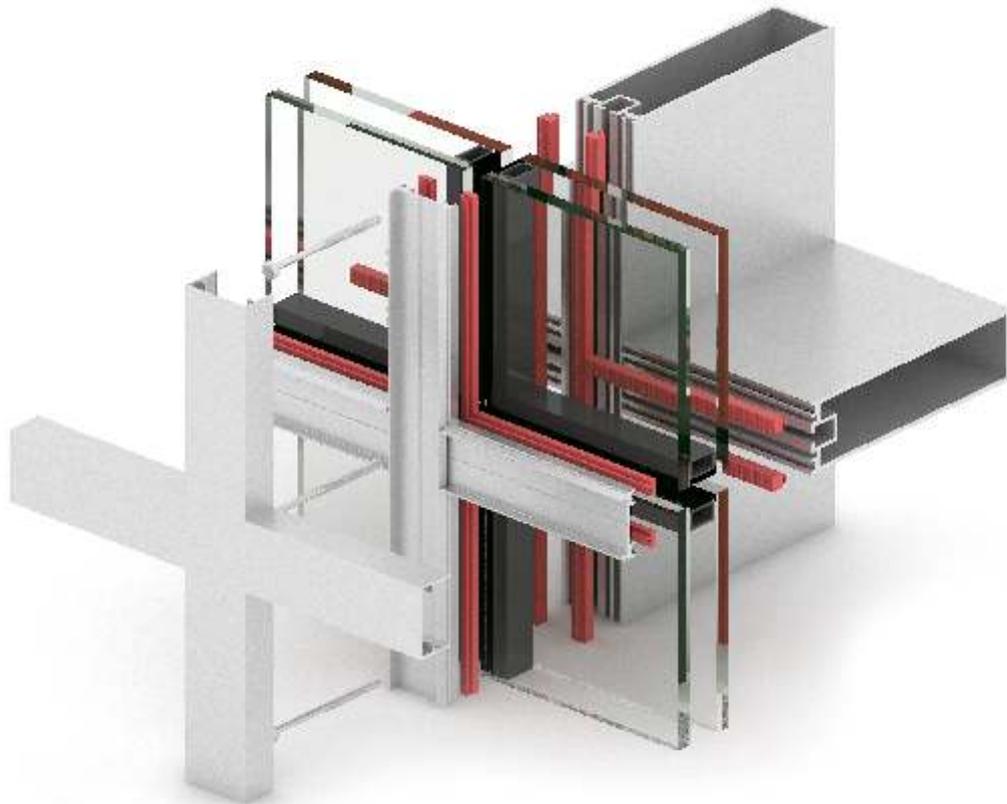


System **34**
FACADE



SAUC 34 FACADE SYSTEM

The continuing drive by sauc to combine the slimmest possible face-widths with the highest possible thermal performance is clearly demonstrated in the company's new SAUC_34_FACADE minimal design façade system.



CURTAIN WALL INSULATED SYSTEM

SAUC 34 is a "value for money" curtain wall system which ideally combines aesthetics and high performances. Its minimal design offering reduced sightline, compared to other typical Curtain Wall Systems, at 35 mm, renders SAUC 34 ideal for Transparent Architecture.



Basic system
width 35 mm



High thermal
insulation



Seamless
appearance



Ease of
fabrication



Implementation on
hinged windows



Implementation on
entrance door



Effective water
evacuation system



TECHNICAL CHARACTERISTIC

Exterior Visible Width
35 Mm

Transom Width
16.5 - 200 Mm

Mullion Depth
50 - 200 Mm

Glazing Thickness
4 - 54 Mm

Burglar resistance
EN 1627 RC 2

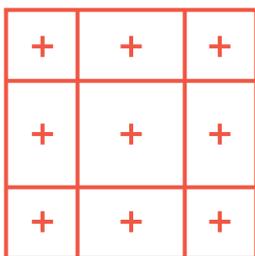
Glazing Type
Stick With Epdm
Gaskets

Mullion Max Inertia
1x = 540 Cm⁴
1y = 20 Cm⁴

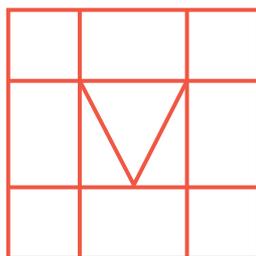
Transom Max Inertia
1x = 451 Cm⁴
1y = 24 Cm⁴

Double And Triple Glazed
34mm Thick
Weights 250 Kg/transom
Heavy Duty Version Carry 400kg

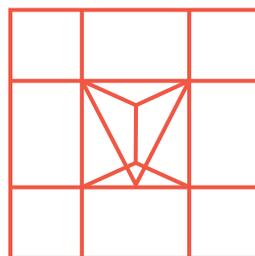
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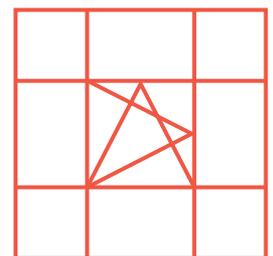
Fixed



Project Window



Parallel Projected
Window



Tilt and Turn Window



CERTIFICATES

Air permeability EN 12152	CLASS AE
Water tightness EN 12154	CLASS RE 1050
Resistance to wind load EN 13316	Design Load + 1.6 KN/m ² Safety Load + 2.4 KN/m ²
Thermal insulation EN 12631	U1 = 1.2 - 2.2 W/m ² K

One new feature of the SAUC 34 façade is a prepared pressure plate which includes pre-loaded gaskets and reflecting foil to reduce preparation work. Another is a gasket system based on 9 mm, 11 mm and 13 mm heights inside and 5 mm outside, that is now uniform right across the SAUC FWS system platform: this allows the FWS 35 PD façade to be combined easily with other products.

Elsewhere, new glazing rebate reduction profiles and ventilated spandrel plates with simple, clip-on technology ensure a perfect seal; the result is fabrication that is fast, clean and reliable time after time.

Reducing the face-width to a uniquely slim 35 mm has been made possible by the development of an innovative new installation system for the glass and pressure plate. This in turn has allowed the SI version of the façade to be officially certified by the Passive House Institute with a Ucw value of 0.79 W/m²K

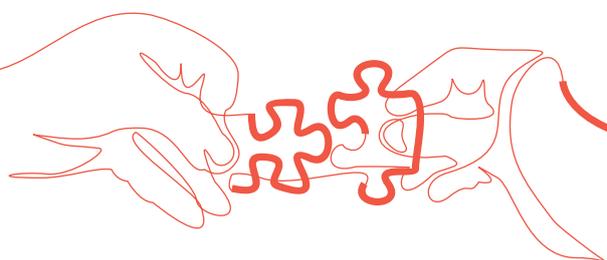
Importantly, SAUC_34_CASEMENT windows, including those with parallel automated operation, can be easily integrated into the façade for ventilation where necessary. As an alternative, SAUC_34_CASEMENT slimline outward-opening top-hung or parallel-opening windows are also simple to insert.

A total of three drainage levels provide an easy solution for all types of transom and, because it plays such a crucial role in the durability of ultra-slim systems, particular thought has been given to the question of ventilation.

In fact, the SAUC_34_ façade uses the proven ventilation technology found in the basic SAUC_34_CASEMENT systems, but supplements this with additional intelligent components. Its effectiveness in use has been verified under the most stringent conditions.

Yet the improvements offered by the façade are not simply architectural, important though these are. Sauc thinks holistically in terms of its window, door and façade offering so the fabrication and installation of any system is always closely considered, as are technical improvements that could streamline production.

All in all, the SAUC 34 façade offers eloquent testimony to the role that advanced technology can play in producing buildings that fully answer the challenges of design, comfort, security and sustainability in the 21st Century.

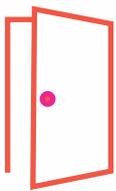




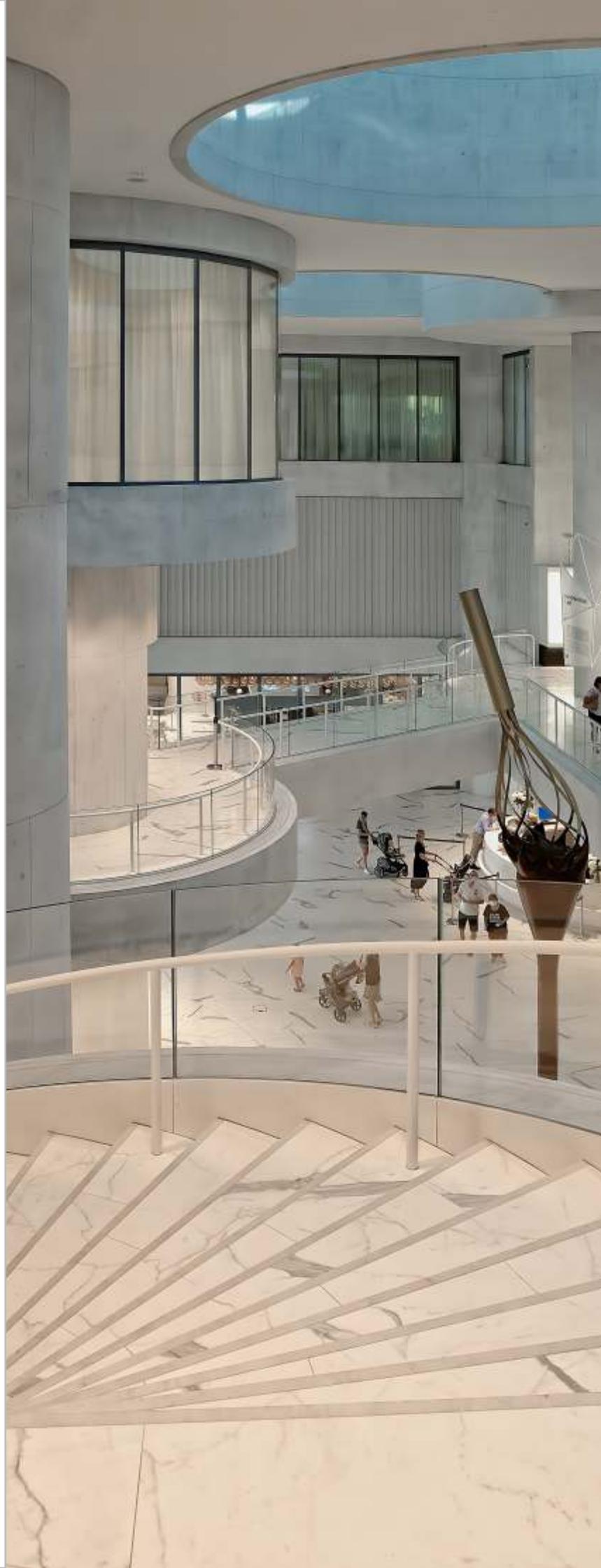


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