UPORIZONS
L'ART DE L'OUVERTURE

ARCHITECTS & PROJECT MANAGERS

The art of opening.

Aluminium windows and doors
for contemporary architecture



VALBONNE

Large openings.
Considered details.
A coordinated project.

Large openings · Technical expertise
French manufacturing · Site coordination

Project visuals are illustrative reconstructions, rather than photographs of completed works.

THE COMPANY

A story built on experience.

A villa project in Valbonne inspired a conviction: the quality of the windows and doors and the quality of project coordination must go hand in hand.



MOUGINS

Integrating the opening into the existing façade.

Three areas of expertise, brought together

Building construction and its interfaces, complex project management and professional expertise in aluminium systems.

The thirty years of aluminium experience underpinning our expertise predate the creation of UPORIZONS.

LARGE OPENINGS

Choosing how to open up space.

Dimensions are specified together with glazing weight, the selected system, exposure and the ease of operation required.

3 m	2.50 m	250 kg
in height	in width per panel	per panel

Maximum capacities depend on the system and configuration. These limits cannot automatically be combined and require a project-specific assessment.

Sliding doors

Panels slide along tracks and overlap within the opening.

Pocket sliding doors

Panels retract into wall pockets to leave the passage clear.

Side-hung and tilt-and-turn

A full side-hung opening, with an additional tilted ventilation position for tilt-and-turn windows, subject to dimensions and hardware.

System reference: PAAL EYLINA 70. Manufacturer documentation: paal.fr/produits/eylina-70-paal/

VALBONNE · THE PROJECT

From the villa to the sliding doors.



OVERVIEW

An opening designed in relation to the living space, finished floor levels and terrace.



THE SLIDING DOOR

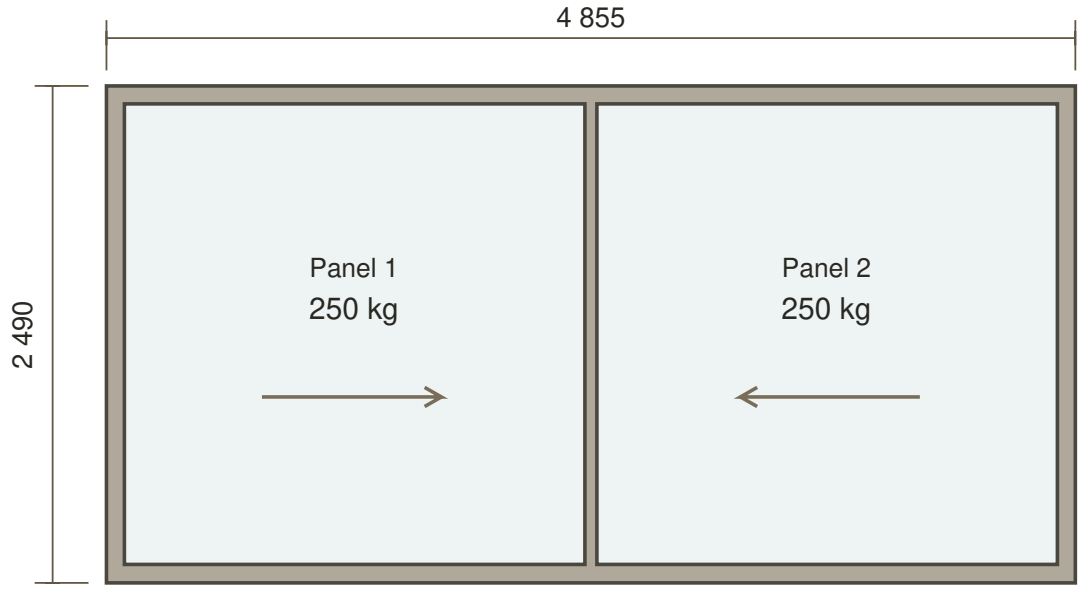
PAAL EYLINA 70C · 4 855 × 2 490 mm
Two 250 kg panels · 2 tracks · Stadip laminated glass
RAL 7006 beige grey · recessed threshold

VALBONNE · CONCEPT STUDY

Dimensions and thresholds.

VALBONNE · PAAL EYLINA 70C

Concept elevation · internal view · dimensions in mm



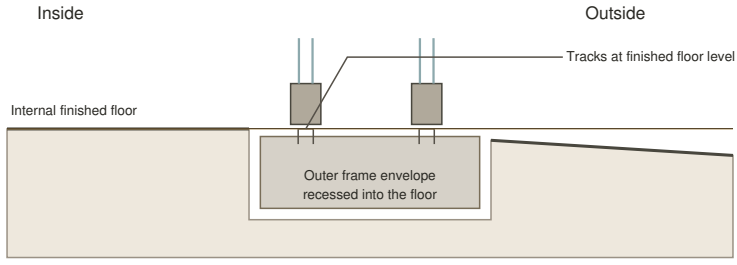
2 panels · 2 tracks · Stadip laminated glass · RAL 7006

Project information supplied by UPORIZONS · profiles shown schematically

Refer to the manufacturing file for panel, profile and glazing dimensions.

RECESSED THRESHOLD · INTEGRATION PRINCIPLE

Undimensioned concept diagram · not a PAAL profile section



Recess, supports, weather sealing and drainage to be specified in the installation detail.

Profiles, rollers and external levels are not dimensioned here.

Explanatory illustration · not a construction drawing.

PLAN AHEAD

Finished levels, recesses, drainage and weather sealing must be coordinated with the structure and floor finishes.

Explanatory diagrams, not construction drawings. The threshold concept is not a section through a PAAL profile.

PAAL EYLINA 70C · TALL OPENINGS

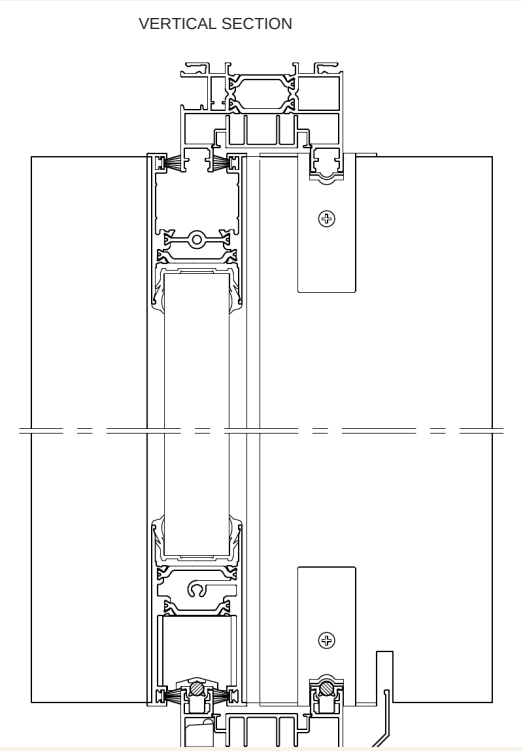
Section drawings. Tall openings.

TECHNICAL FEATURES

Reinforced bottom rail and sash stiles.

Upgraded roller carriages with corrosion-treated steel wheels.

Solid stainless steel running track.

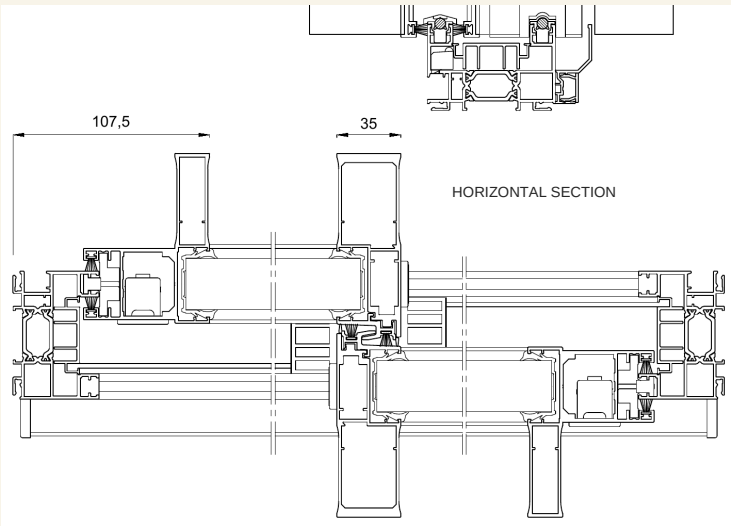


VERTICAL SECTION

This section shows the specific configuration intended for tall openings.

The installation detail must be adapted to finished floor levels, drainage and site conditions.

HORIZONTAL SECTION



Technical document supplied by PAAL for EYLINA 70C tall openings. DTA reference 6/17-2367_V3. Specifications depend on assessment and configuration.

CANNES & THÉOULE-SUR-MER

Two ways to open up the passage.



CANNES

Two panels retract to the left and right. Opposing wall pockets leave the central passage clear.



THÉOULE

The glazing and aluminium shutter run on parallel tracks. Opening the view and providing shade are two separate functions.

Plan the wall pockets, tracks and maintenance access before closing the wall linings.

RENOVATION & VIEWS

Working with the setting.



MONACO

Apartment renovation: allowing for the existing balcony and balustrade.



VALLAURIS · SUPER CANNES AREA

Panoramic glazing: framing the view and connecting the living space to the terrace.

COMFORT & EVERYDAY USE

Glazing, carefully considered.

Large glazed areas must be assessed in the context of the room and the façade.

Summer comfort

Orientation, exposure, glazing, shading and ventilation need to be considered together.

Thermal and acoustic performance

The glazing specification and system are selected to suit the project objectives. Performance cannot be inferred from glazed area alone.

Finishes and coastal exposure

Colour, surface treatment and hardware take account of exposure, particularly to sea spray.

Maintenance and operation

Tracks and drainage outlets must remain clear. Mechanisms should be cleaned and maintained in accordance with the manufacturer’s instructions.

PROJECT SUPPORT

From first plans to handover.

01

Project assessment

Plans, intended uses, dimensions and site constraints.

02

Design

System, glazing, finish, threshold and integration details.

03

Manufacturing

Manufacturing to the approved dimensions and specifications.

04

Delivery

Access, handling and scheduling coordinated with the site.

05

Installation & adjustments

Alignment, locking and operation of opening panels checked.

The schedule is confirmed after assessment of dimensions, glazing, finishes and installation conditions.

ARCHITECTS & PROJECT MANAGERS

A project file tailored to your brief.

Getting started

Plans, sections, elevations, window and door schedules, known dimensions, finished levels, exposure and provisional timescale.

At feasibility stage

Proposed configurations, checks required and constraints to coordinate with the other project teams.

During detailed development

Glazing and finish selections, threshold principles, recesses and interfaces to be defined.

Before manufacturing

Approved dimensions and specifications, construction details and installation conditions agreed in line with the assigned responsibilities.

The documents and level of detail are agreed at the start of the assignment. A manufacturer’s concept section does not replace the project’s construction documentation.

Tall-opening sections supplied by PAAL · Valbonne project information supplied by UPORIZONS.

LET’S EXPLORE YOUR PROJECT

Let’s discuss your openings.

A plan, a sketch or an initial idea:
let’s begin by understanding your project.



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Projects & sections

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