

NOTEAL

EFFECTIVE PRIVACY AND
SOLAR PROTECTION
SHUTTER

Architects: Carlos Ferrater, Lucía Ferrater and Xavier Martí
Photography: Alejo Bagué

IMAGINE WHAT'S NEXT



TECHNAL



NOTEAL

/ DESIGNER SOLAR PROTECTION

THE CONCEPT

NOTEAL is an extensive range incorporating blinds, roller shutters and hinged shutters. A wealth of infills and possible combinations: fixed or moveable louvres, solid, combination, full height or with a transom, for new build and renovation projects (commercial and residential).

These architectural solutions solve the issues of:

- Solar protection: full or partial shade.
- Natural ventilation: fixed or moveable blades.
- Enhanced security: forced entry delay.

THE INGENUITY OF THE RANGE

- Same infills for hinged and roller shutters.
- Variety of infills (openwork or blackout) and multiple combinations for windows and patio doors.
- All installation scenarios are taken into account: wall mounted or soffit.
- Can be adapted for large dimensions.
- Wide range of Technal finishes.



Architect: Cardete Huet Architectes
Photography: DR Technal

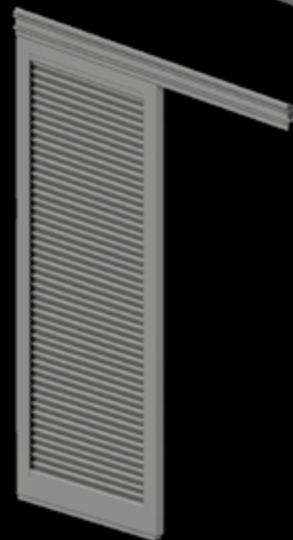
NOTEAL

/ LIGHT AND SHADE PROTECTION

BLINDS



ROLLER SHUTTER



HINGED SHUTTER



FEATURES AND INNOVATIONS

MULTIPLE CONFIGURATIONS

- Contemporary solutions
 - Blinds.
 - Roller shutter.(with optional motor).
- Traditional solutions
 - Hinged shutter.
- Regional identities
 - Mediterranean shutter

AESTHETICS

- Full: vertical or horizontal blades.
- Louvre blind with fixed blades, full height or with a transom
- Louvre blind with moveable blades, full height or with a transom
- Combination: fixed louvre blind and full lower section.
- Bar and brace with the option of arched shape.
- "Niçoise style": opened manually via a top hinge.

TECHNICAL PERFORMANCE

- Tested in accordance with European standards therefore CE marked.
- Wind performance: Results obtained depending on application: class 6.

COMFORT AND SECURITY

- Solar protection: full or partial shade.
- Natural ventilation: fixed or moveable blades.
- Enhanced security: forced entry delay.

LOCKING MECHANISMS

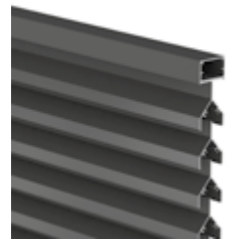
- Aluminium lock and strike plate: reversible left and right, 2 positions (long and short).
- Recessed sliding handle.
- 2-point cylinder lock.

NOTEAL

/ BLINDS

A MODERN FEATURE FOR CURTAIN WALLING...

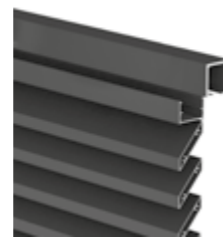
For curtain walling that is aesthetically pleasing, the 42 mm module offers 3 dedicated systems providing shade and solar protection, for use with roller or fixed systems.



Inversed Y-shaped blade full shade



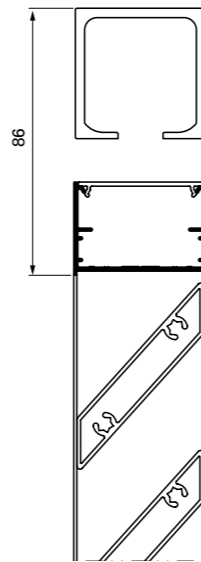
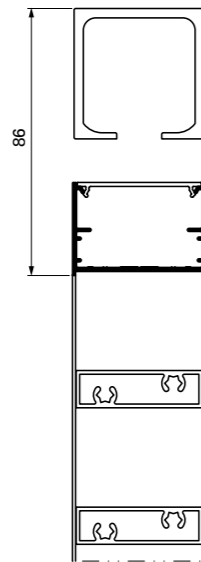
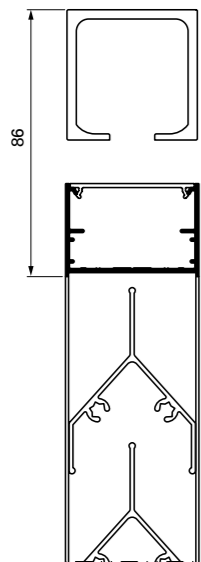
Straight rectangular blade partial shade



Rectangular blade partial shade at 42°

SECTIONS

BLINDS



Architects: Carlos Ferrater, Lucía Ferrater and Xavier Martí
Photographer: Alejo Bagué

NOTEAL

/ ROLLER SHUTTER

DESIGNER SOLAR PROTECTION...

Controlling incoming sunlight, providing natural ventilation and optimising natural light are all challenges faced by modern buildings. Designed to meet these needs, the NOTEAL range offers a variety of suspended roller shutter solutions from a 30 mm module.

A track-operated motor system may be integrated as an option.

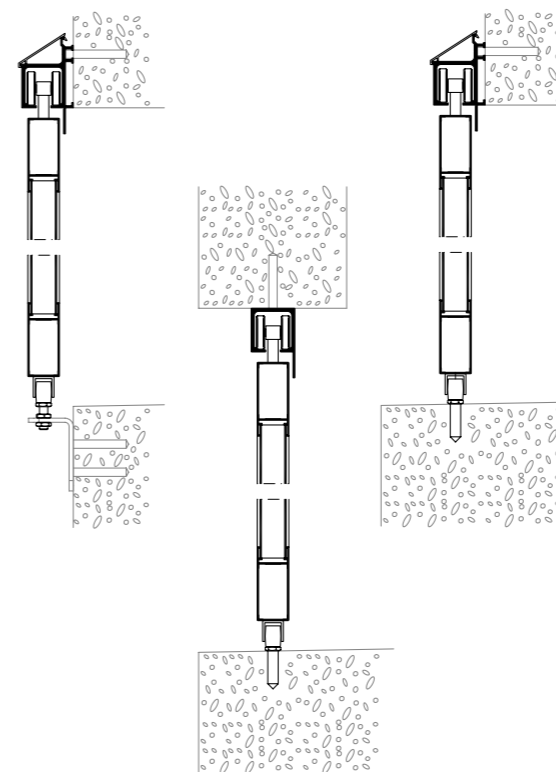


SECTIONS

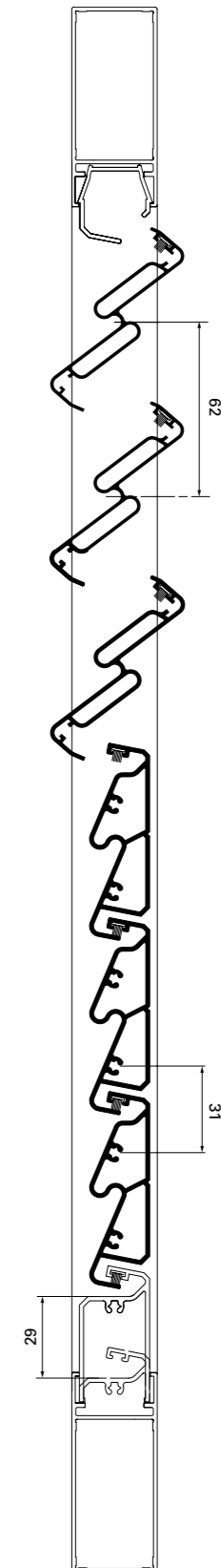
CHOICE OF BLADES



CHOICE OF INSTALLATION OPTIONS



ROLLER SHUTTER





NOTEAL MOVE

/ SIMPLIFIED MOTORISATION

COMFORT AND WELL-BEING

The solution devised for motorizing the NOTEAL shutter combines user comfort, accessibility, and styling – all the essential values that make up the brand's DNA. For universal use, TECHNICAL motorization devices have been designed to provide automatic adjustment to the power supply. Operation is adapted to high humidity regions, thanks to electrical components made for tropical environment. This means the motorization can be implemented in all countries, whatever the climatic conditions.

DESIGN AND SIMPLICITY

The motorization is built into a horizontal strip and ensures easy use of the sliding shutters.

Operation: simplified shutter movement and locking/unlocking.

Design: the motorization strip is inconspicuous, stylish and contemporary.

Universality: easy implementation on construction or renovation projects in tertiary and residential.

Installation: with a 3-year guarantee, the motor is separate from the frame with direct access to facilitate any maintenance operations.

ADVANTAGE: easy to install and use, the motorization is compatible with home automation systems for integrating into centralized management scenarios.



KEY CHARACTERISTICS AND INNOVATIONS

APPLICATIONS

- 1 leaf
- 2 leaves
- All types of infill: solid, slatted

DIMENSIONS AND WEIGHT

- Maximum dimensions per leaf:
Height: 2.4 m and Width: 1.4 m.
- Maximum total weight 80 kg:
one leaf 80 kg, or 2 leaves 40 kg each.
- Maximum track: 3 metres wide (displacement of one leaf 2.4 m or two 1.4 m wide).

CONTROL

- Wire or radio remote control.
- Motorization compatible with home automation systems.

SAFETY

- Finger pinch safety.
- Manual mode available in the event of power outage.

AFTER-SALES SERVICE

- Motor access facilitated for maintenance.
- Motor guarantee: 3 years.

SYSTEM OF MOTORIZATION

- Motorization attached to the wall above the leaves.
- Dimensions of the motorized beam: 60 x 100 mm approx.
- Drive by toothed belt (length adaptable to sizes).
- Motor mounted at the end of one rail, the return pulley is installed at the other end.

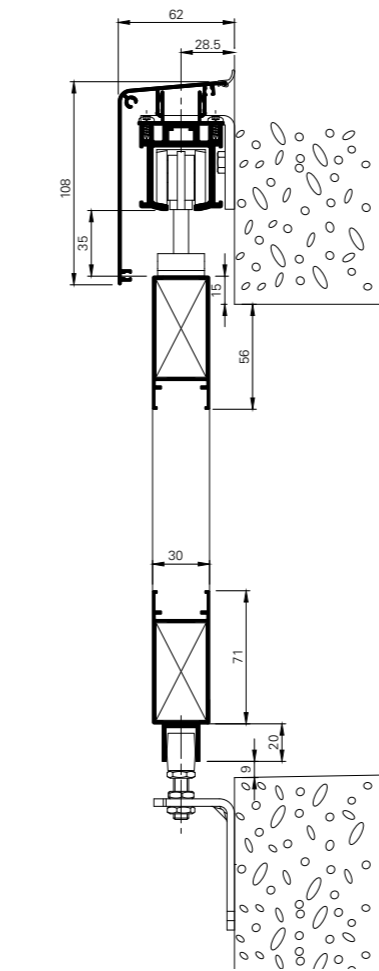
LOCKING INNOVATION

- First level of anti-intrusion security.
- Locking system without additional actuator.
- Available on 1 and 2 leaf versions.

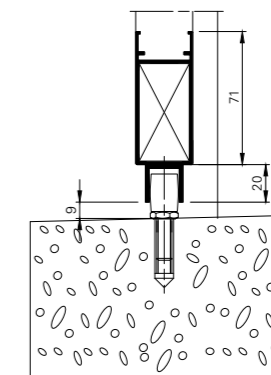
TECHNICAL DATA	
Power supply	110 Vac – 60 Hz ou 230 Vac – 50 Hz
Consumed power	25 W
Index of protection	IP55
Operating temperature	-20° / +50°
Endurance (cycles)	> 25000

CROSS-SECTIONS

MOTORIZED ROLLER SHUTTER



Vertical cross-section



Vertical cross-section on window with support or balcony door

NOTEAL

/ HINGED SHUTTER

TRADITIONAL SOLUTIONS

For the seamless integration of an external closure system that offers complete security whilst respecting the building's identity, opt for this 30 mm module which is particularly suited to the renovation market and incorporates wood-design features.

There are a range of solutions which have been tailored to complement traditional regional features: bar and brace shutter, solid, fixed or moveable louvres, full-height or with transom, combination, etc.

Whilst respecting the identity of the region, the "Niçoise" style shutter is operated manually via top hinges, offers partial shade thanks to the fixed louvre blades and promotes natural ventilation.

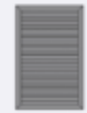


Architects: Carlos Ferrater, Lucía Ferrater and Xavier Martí
Photographer: Sergio Padura

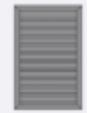
APPLICATIONS

BLINDS

Fixed



Inversed Y-shaped blade (fixed)



Inclined rectangular blade (fixed)



Straight rectangular blade (fixed)

Sliding



Inversed Y-shaped blade



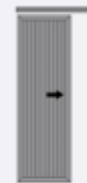
Inclined rectangular blade



Straight rectangular blade

ROLLER SHUTTER

Solid vertical blade



1 leaf with solid vertical blade

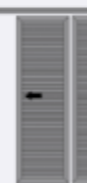


2 leaves with solid vertical blades

Full-height louvre blind



1 leaf with full-height louvre blind



2 leaves with full-height louvre blind

Louvre blind with transom



1 leaf with louvres with transom



2 leaves with louvres with transom

Combination (solid + vertical)



1 combination leaf (fixed+solid)



2 combination leaves (fixed+solid)

HINGED SHUTTER

Bar and brace



1 leaf



2 leaves



3 leaves



1 arched leaf



2 arched leaves

Solid vertical blade



1 leaf



2 leaves



3 leaves



1 arched leaf



2 arched leaves

Full-height louvre blind



1 leaf



2 leaves



3 leaves

Louvres with transom



1 leaf



2 leaves



3 leaves

Combination (louvres + solid blades)



1 leaf



2 leaves



3 leaves

"Niçoise" style in the lower section (window)



1 leaf



2 leaves

"Niçoise" style in the middle section (patio door)



1 leaf



2 leaves



Architect: Carlos Ferrater
Photographer: Atejo Bagué

MATERIALS AND PARTS

As with all Technal systems, only the highest quality materials and components are used to minimise maintenance and ensure long-term performance.

- Aluminium profiles are extruded from alloys 6060 Building compliant with EN 12020, EN 573-3, EN 515 and EN 775-1 to 9.
- Fittings are cast from EN 12844 compliant Zamak 5.
- Screws are made from stainless steel.

FINISHES AND COLOURS

A wide range of finishes and colours is available to meet individual project requirements, enhancing existing buildings and offering architects and designers greater design freedom:

- Natural anodised in accordance with EN 123731: 2001.
- Polyester powder coating finishes in a wide range of colours in accordance with "QUALICOAT".
- NOTEAL is also available in lacquered finishes with exclusive Technal colours for a stylish and contemporary look.



IMAGINE WHAT'S NEXT

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By  Hydro