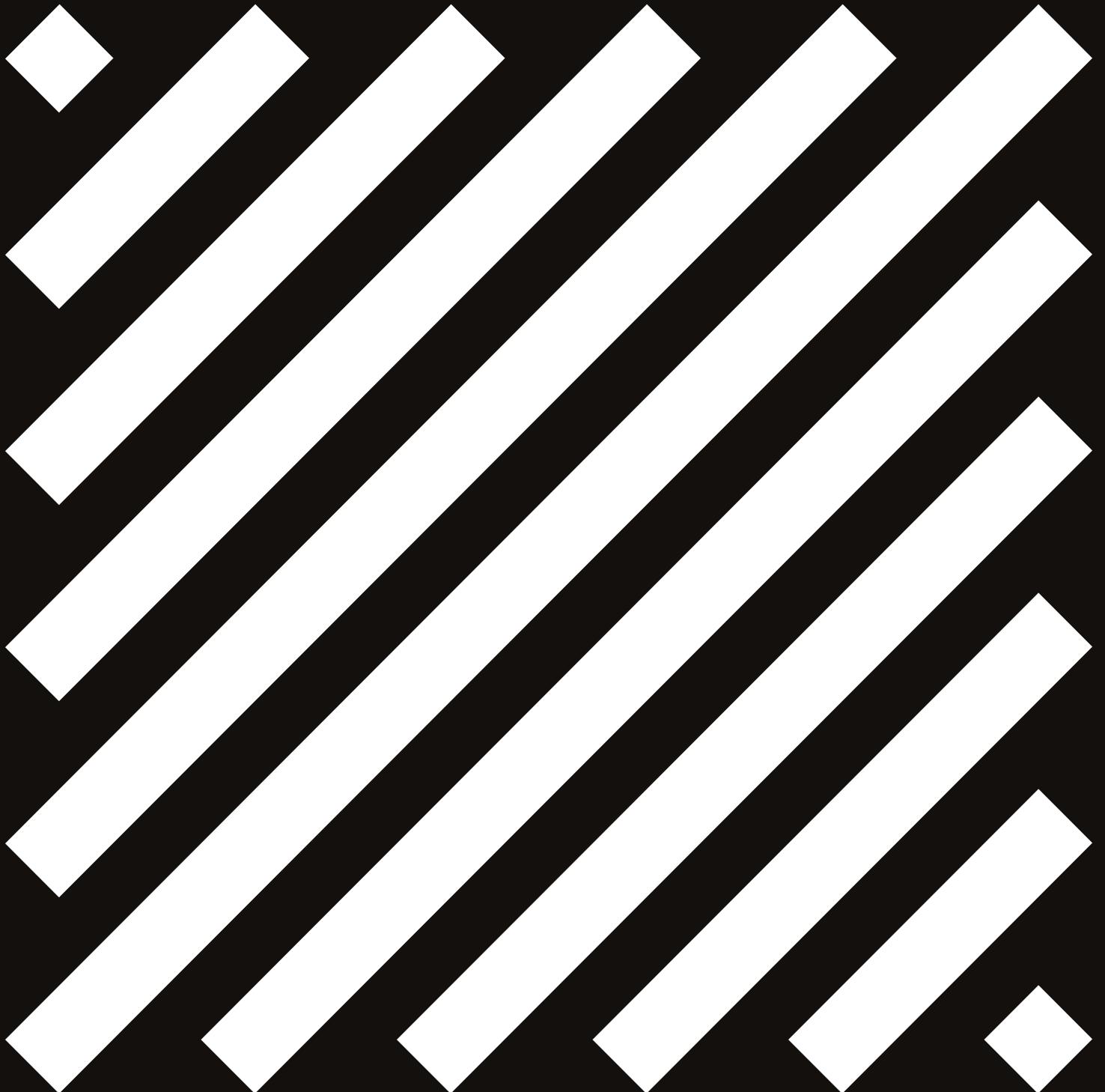


NEW
GENERATION
ARCHITECTURE
PIVOT LINES







Guided by inspiration

distinctive feature of PLASMA Doors is the ability to create rare and unique doors. We offer solutions for the most challenging and demanding cases, strictly adhering to all specifications with our specialized personnel and the technological equipment at our disposal.

plasma-doors.com

info@plasma.com.gr

The company PLASMA Doors, with extensive experience in the construction sector, additionally manufactures a large collection of aluminum doors with high technical expertise and modern equipment. It brings innovative ideas and designs to life with high quality, consistency, and construction excellence.

The proprietary facilities of 4000 sq.m, along with a 650 sq.m exhibition space, combined with years of experience, give it a unique advantage over the competition. PLASMA Doors has been distinguished in the field of joinery for years, maintaining trust and personal contact with its customers. Its factory unit is built to the highest safety standards, and the production lines are divided into two independent sections, one for PVC material and one for aluminum material.



The production capacity and modern equipment of its facilities enable the undertaking of large projects, ensuring the desired outcome in every construction based on the static and architectural study of each project. The company possesses and implements a certified quality management system in accordance with the ISO 9001:2008 standard.

PIVOT DOORS

The PIVOT series is characterized by its modern architectural design and its applicability to both residences and stores. Their unique feature is the impressive finish with unlimited applications. Their strength lies in the size combined with functionality. They guarantee high quality and are ideal for all architectural applications.

The basic equipment of a door includes:

- Door profile.
- Door panel design.
- G.U. five or seven-tumbler security lock.
- Yale security cylinder with 5 keys.
- Interior handle with rosettes.
- Exterior thumbturn.

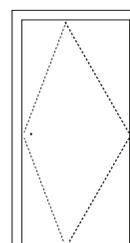
Technical Specifications

- Thickness of the door: 85mm - 115mm.
- External aluminum cladding with a thickness of 2mm - 3mm.
- Interior door filling made of expanded polystyrene.
- Reliable branded mechanisms.
- Interior door filling made of expanded polyurethane foam, Class B2, smooth. Density: 60kg/m³.
- Capability to integrate all security systems.
- Thermal Transmittance Coefficient (U-value) Up 0.29 W/(m²K).
- Electrostatic painting.
- Glazing on the door panel: 10 - 25 - 10 - 25 - 10 sandblasting.
- Powder coating by AKZO Nobel & NEOKEM.
- Certified Thermal Transmittance Coefficients of the Panel by ift ROSENHEIM

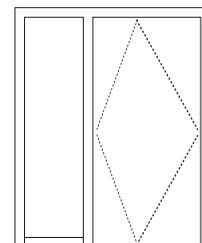


Typology

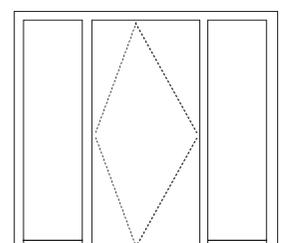
PLASMA Doors' pivot and coplanar doors offer flexibility to adapt to any architectural structure. They can be installed individually, with fixed frames on the left and right, or on both sides. There is also the option to customize the placement of transoms.



Single



Single with fixed



Single with 2 fixed



PLP1 □8



PLP2 □10



PLP3 □12



PLP14 □14



PLP5 □16



PLP6 □18



PLP7 □20



PLP8 □22



PLP9 □24



PLP10 □26



PLP11 □28



PLP12 □30

P

PIVOT ALUMINIUM DOORS

The PIVOT series consists of 12 impressive doors, constructed based on the expertise of PLASMA Doors, fully addressing the needs and desires of every buyer. They embody perfect aesthetics and flexibility and can be equipped with the most advanced security systems.

Model PLP1

The PLP1 model is constructed from aluminum, stainless steel (inox), and glass. The glass extends across the entire surface of the door. The combination with stainless steel, including the internal handle, creates a unique design.



Option for glossy RAL paint or customization with 6mm tempered glass with a membrane.



Recessed handle.



Stainless steel decorative element.



Model PLP2

The PLP2 is a model characterized by its design and aesthetics. The surface with asymmetrical lines, combined with the stainless steel handle, imparts a unique charm and timelessness. It can be accompanied by one or two fixed panels with sandblasted glass and a 3D effect. The paint option is available in Structura colors.



Stainless steel handle.



Bevel grooves



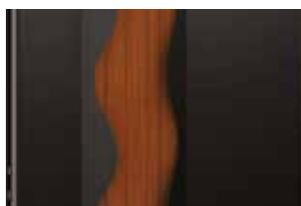
Structura paint finish





Model PLP3

Designed by PLASMA Doors, it features symmetrical wavy lines that also serve as handles. The vertical internal wood texture and the diagonal wavy handle seamlessly cooperate across the entire surface. It can be perfectly accompanied by a fixed panel on the left or right, creating a beautiful result.



Wavy diagonal decorative elements.



Handle with internal LED lighting.



Structura and wood finish





Model PLP4

Interventions on the PLP4 with parallel vertical stripes in combination with the stainless steel surface create a different aesthetic and representation. The 200cm handle, 30X40mm, fully complements and offers an aesthetic result. Depth of the 3D profile: 40x20mm. The colors can be in a wood appearance or in Structura colors.



Stainless steel handle.



Structura or wood finish.



Vertical glass surface



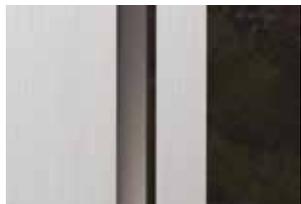


Model PLP5

The large surface covering of glass and stainless steel gives a unique character and impressiveness. The PLP5 features a stainless steel surface with a vertical recessed handle that has the capability of LED illumination. A distinctive axial door, suitable even for demanding constructions.



Option for glossy RAL paint or customization with 6mm tempered glass with a membrane.



Recessed handle with LED lighting.



Stainless steel decorative element.





Model PLP6

The PLP6 is a flat door defined by 2 vertical planes. It features 5 vertical elements with glass on one plane and a horizontal stainless steel handle.



Stainless steel handle.



Structura paint finish



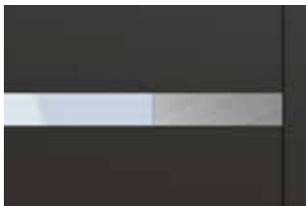
Decorative glass panels.





Model **PLP7**

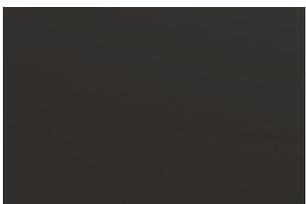
The PLP7 is a door that stands out for both its exceptional quality and distinctive design. Simple and beautiful, it features three parallel decorative stainless steel elements with glass inserts. It pairs well with fixed panels and sandblasted glass with a 3D effect. It comes with a 120cm stainless steel handle.



Glass with stainless steel insert.



Inox handle.



Structura paint finish





Model **PLP8**

Modern lines and aesthetics with a unique dominant feature, the stainless steel decorative element, and the recessed handle. Capability to install all security systems.



Recessed handle with LED lighting.



Stainless steel decorative corner.



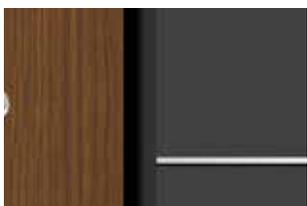
Structura paint finish



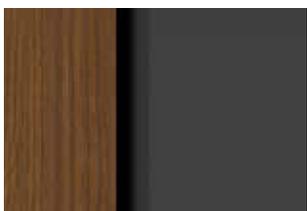


Model PLP9

Modern and impressive. Designed with every detail and aesthetics in mind. Characterized by the dynamism in the stainless steel elements and the wood texture surface. It features a recessed handle with LED lighting and fully meets the needs of any home.



Recessed handle with LED lighting.



Wood & Structura finish.



Decorative stainless steel elements



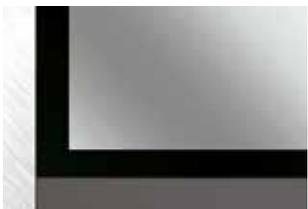


Model PLP10

The PLP10 is a door with several distinctive features. The different glass surfaces, in combination with the stainless steel decorative elements and the internal recessed handle with LED lighting, add a rich appearance. It accentuates and elevates any architectural construction.



Recessed handle with LED lighting.



Glass



Structura paint finish



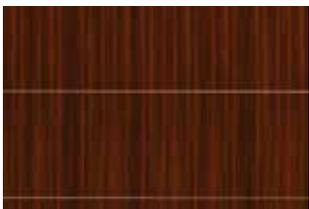


Model **PLP11**

The pivot door PLP11 is presented in a robust and simple line, combining wood-tone paint and RAL color. It features a vertical recessed handle with LED lighting. Its key element is the horizontal discreet grooves that define an imposing architectural presence.



Recessed handle with LED lighting.



Bevel grooves.



Structura and wood finish.



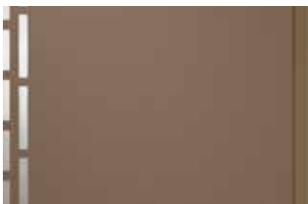


Model PLP12

In the PLP12, the unique characteristic is the minimalist mullion in combination with stainless steel. Simple, robust, and with a classic design, it has an RAL paint finish. It features an internal vertical recessed handle with LED lighting. As additional equipment, internal LED lighting can be added to the handle.



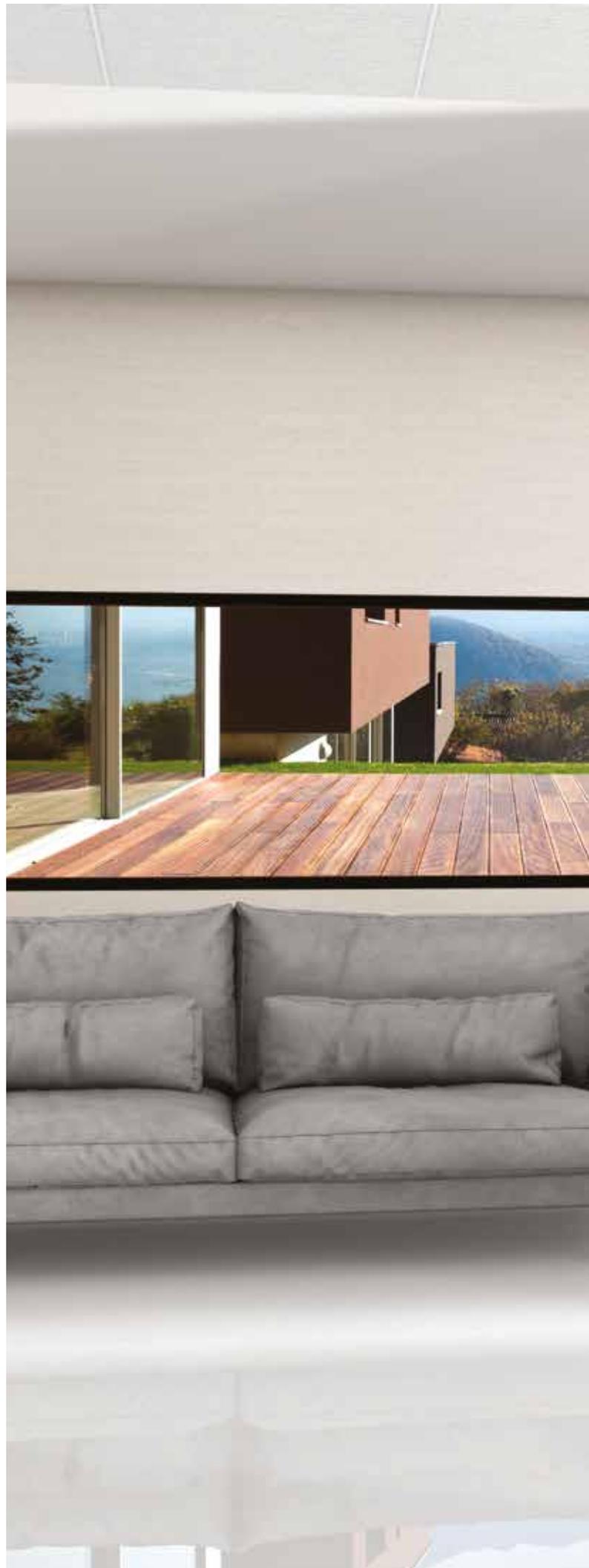
Recessed handle with LED lighting.



Structura paint finish

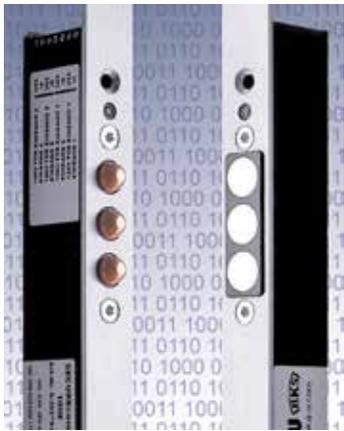


Stainless steel insert.





Optional equipment components



The smart application for door systems.

More security and convenience with the SECUREConnect 200 electronic contacts. With data transfer from the frame to the door on all door locks, fully compatible and supporting the Finger Scanner and Code Keypad.

Multi-point locking systems GU-SECURY Automatic

Two automatic double-action bolts extend after closing the door by 20 mm. They automatically transform into locking bolts and are secured against opening. Tested in combination with various RC 2 and RC 3 door systems. VdS approval according to category A. Can be used for single-leaf or double-leaf door systems.



Finger Scanner
44X75X29mm



Code Keypad
44X75X29mm



Concealed door closer arm by GEZE

Touch keypad.



The touch keyboard is a classic keyboard with a touchscreen and blue backlight. Produced in Europe, it is designed to be easily installed within a door leaf, but can also be mounted on the wall or recessed. Its convenient blue illumination makes it easy to use even at night. Its very compact dimensions (81 x 37mm - the slimmest on the market) make it suitable for installation either in the door leaf or next to the door.

Bluetooth reader.



The Bluetooth reader is a very small (81 x 37mm) and compact device (the slimmest on the market) with an aesthetically pleasing and modern design that unlocks the door with the help of a phone. Once a mobile phone is connected to REX Bluetooth and is within its range (about 2m), the blue backlight for the touchscreen of the REX Bluetooth starts blinking, and an audible signal is heard. When the Bluetooth indication on the touchscreen is pressed, the door unlocks. The Bluetooth reader, produced in Europe, has two outgoing relays, which allow controlling the alarm or opening another door.

Fingerprint reader.



The fingerprint reader switch is recessed with a stainless steel plate and very small dimensions of 81 x 37 mm (the slimmest on the market). It is primarily designed to be installed inside the door. Because it has the same dimensions as the Bluetooth reader and the touchscreen keypad, any of the three devices can be placed in its receptacle. It is the smallest and thinnest fingerprint reader on the market and is produced in Europe. The aluminum casing is an elegant and subtly distinctive design feature suitable for any modern entrance door.



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