TECHNICAL CATALOGUE

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FRAMELESS

Pivot Door

Unit 10 Tramore Commercial Park, Tramore Road,
Cork, Ireland, T12 Y8DW

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The System

An interior pivot door with a top and bottom hinge system, which rotates about a vertical axis rather than side hinges. It integrates into wood, glass and modular walls, opens 90° or 180°, in right- or left-hand configuration, and is particularly suitable for retrofit. Three-axis adjustable hinges allow precise alignment after installation.

KEY FEATURES

Type	Interior pivot door, top and bottom hinge system, rotation on a vertical axis
Application	Interior use
Leaf thickness	45 mm
Leaf construction	Full aluminium structure with double-sided decorative panels up to 6 mm
Glazing	6 mm glass pane in an aluminium frame, with seven glass options
Hinges	Top and bottom mounted, adjustable in three axes, positioning at every 90°, black finish
Hinge placement	Min. 115 mm for aluminium leaves, min. 215 mm for glass leaves, or on the central axis, depending on door size and weight
Opening	90° or 180°, inward and outward, or a single direction with an additional blocking component
Configuration	Right or left hand, single leaf or double doors, with optional fixed side panels

DIMENSIONS

Width, single leaf	700 to 1400 mm in 100 mm steps
Height	2000 to 2800 mm in 100 mm steps, up to 3000 mm on request
Max leaf weight	120 kg
Structural opening	Door size plus 10 mm on width, plus 24 mm on height
Clear opening	134 mm less than the frame width on a single leaf (800 mm frame gives 666 mm clear)
Handle	C-shape Critall profile, mid-rail, facing down
Handle height	900 mm to handle centre on Pure Loft 3P and 3PP · 1150 mm on 4P and 4PP · none on Pure Frame
Critall profile	2D, 16 × 2 mm face, or 3D, 16 × 16 mm face
Stripe bar centres	64 mm
Tolerance	Nominal dimensions, subject to manufacturing tolerance

Worked example, single leaf: 800 mm frame in an 810 mm structural opening, 2400 mm high in a 2424 mm structural opening, giving a 666 mm clear opening. Full size list on the order form, page 03. Handle mountings below 900 mm are available on request only and fall below the minimum recommended by TGD Part M.

ALUMINIUM COLOURS

Matt aluminium · Brushed nickel · Brushed black · Brushed bronze · Brushed gold · White

GLASS OPTIONS

Optiwhite 6 · Clear · Sat 8 · Sat GR6 · Sat BR 6 · Antisol BR6 · Antisol CG6

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Order Form

FULL NAME

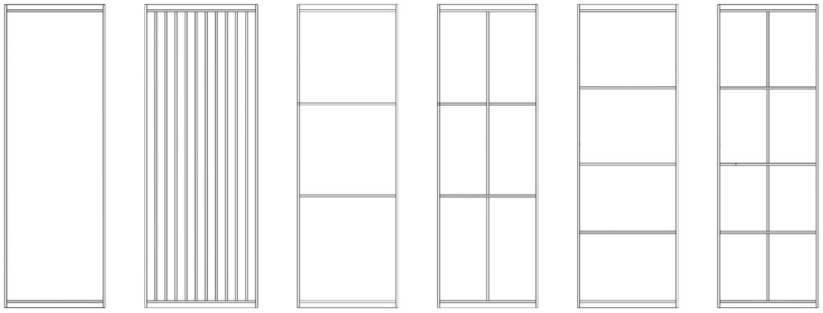
SITE POSTCODE

SITE CONTACT / NO.

CRITALL PROFILE

- ☐ 2D (16mm x 2mm)
- ☐ 3D (16mm x 16mm)

MODEL



☐ Pure Frame ☐ Pure Stripe ☐ Pure Loft 3P ☐ Pure Loft 3PP ☐ Pure Loft 4P ☐ Pure Loft 4PP

SIZE

EACH OPTION IS LISTED AS DOOR SIZE / FINISHED OPENING

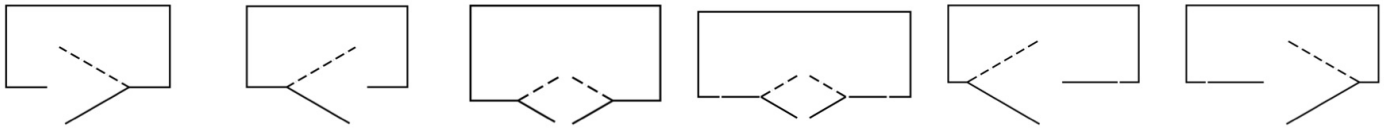
SELECT WIDTH	DOOR / FINISHED OPENING
☐ 700 / 710mm	☐ 800 / 810mm
☐ 900 / 910mm	☐ 1000 / 1010mm
☐ 1100 / 1110mm	☐ 1200 / 1210mm
☐ 1300 / 1310mm	☐ 1400 / 1410mm

Door size is the frame; finished opening is the structural opening it fits into, 10 mm wider.

SELECT HEIGHT		DOOR / FINISHED OPENING
☐ 2000 / 2024mm	☐ 2100 / 2124mm	☐ 2200 / 2224mm
☐ 2300 / 2324mm	☐ 2400 / 2424mm	☐ 2500 / 2524mm
☐ 2600 / 2624mm	☐ 2700 / 2724mm	☐ 2800 / 2824mm

Finished opening is 24 mm higher than the door size.

OPENING



☐ Left to outside & inside ☐ Right to outside & inside ☐ Double doors outside & inside ☐ Double doors with fixed panel each side ☐ Single door with fixed panel right ☐ Single door with fixed panel left

GLASS

CODE	DESCRIPTION	SELECT
Optiwhite 6	Super clear	☐
Clear	Regular clear	☐
Sat 8	Clear frosted glass	☐
Sat GR6	Frosted glass with grey tint	☐
Sat BR 6	Frosted glass with bronze tint	☐
Antisol BR6	Tinted bronze with a reflective sheen	☐
Antisol CG6	Tinted graphite with a reflective sheen	☐

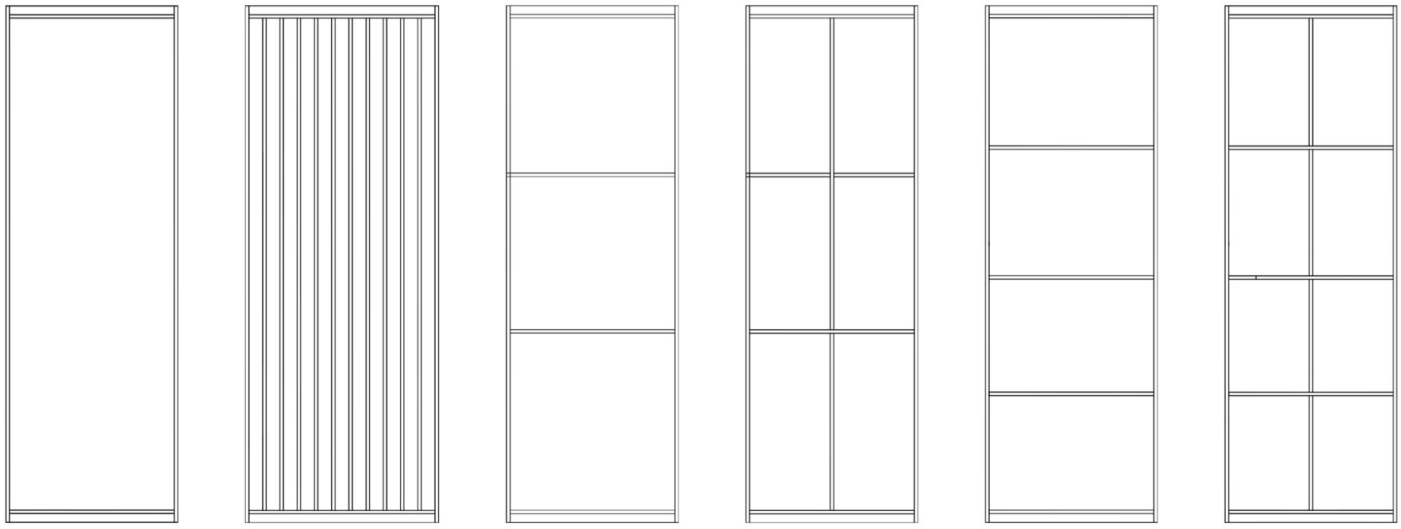
ALUMINIUM COLOUR

FINISH	CODE	SELECT
Mat aluminium	C-0	☐
Brushed nickel	C30S	☐
Brushed black	C-35S	☐
Brushed bronze	C-34S	☐
Brushed gold	C-23S	☐
White	White	☐

ADDITIONAL COMMENTS

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Model Range



PURE FRAME | PURE STRIPE | PURE LOFT 3P | PURE LOFT 3PP | PURE LOFT 4P | PURE LOFT 4PP

MODEL	GLAZING LAYOUT	GLAZING BARS	HANDLE
Pure Frame	Single unbroken glazed panel	Frame only	No handle — trim only
Pure Stripe	Full-height vertical banding	Vertical bars at 64 mm centres	To be confirmed
Pure Loft 3P	Three panels, single column	2 horizontal	C-shape, mid-rail, facing down · 900 mm
Pure Loft 3PP	Three panels, two columns	2 horizontal · 1 vertical	C-shape, mid-rail, facing down · 900 mm
Pure Loft 4P	Four panels, single column	3 horizontal	C-shape, mid-rail, facing down · 1150 mm
Pure Loft 4PP	Four panels, two columns	3 horizontal · 1 vertical	C-shape, mid-rail, facing down · 1150 mm

COMMON TO EVERY MODEL

Widths 700 to 1400 mm and heights 2000 to 2800 mm in 100 mm steps, in Critall profile 2D or 3D, with any of the seven glass options and six aluminium colours. The C-shape handle sits on the mid-rail, so its height follows the glazing layout.

DRAWINGS AND SPECIFICATION

Elevations shown as viewed from the pivot side, not to scale. General arrangement and glazing detail drawings are issued per project on request.

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Ready to specify the Pivot Door for your next project? Request CAD files and a bespoke quote.

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For specification purposes only. Dimensions are nominal and subject to manufacturing tolerance. © Frameless Company.