

METADOR



Defender Duopar

Durable internal steel doorsets

Combining aesthetics and strength with Metador's Defender Duopar 2-part frame system.



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Internal Use Fire Rated



Acoustic

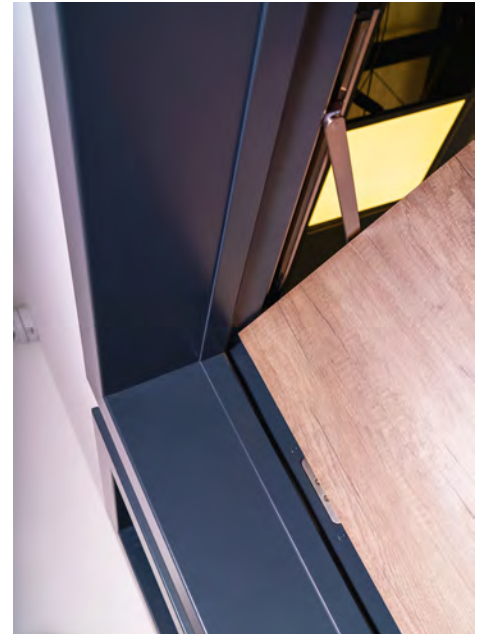


DDA Compliant

The Defender Duopar is a 2-part frame flush steel door system, designed primarily for interior environments which is guaranteed to make an architectural statement every time.

The Duopar delivers the same overall appearance as traditional timber frames and architraves, yet with the added strength and durability of powder coated steel to withstand high usage in heavy traffic areas.

The clamp-style frame enables fixing at the final stage of construction, after all wet trades have completed, meaning less opportunity for doors to suffer damage from other trades.



Door Leaf

- Supplied with standard 1.5mm steel skin door leaves or with timber leaves
- Square edged as standard for internal use (anti-jemmy flange on the leading edge for external).

Frames

Manufactured individually to suit any wall depth up to 400mm. Adjustable design will accommodate wall depth variations of +30mm/-10mm.

Seals

Push-in perimeter for optimal weather, thermal, and acoustic performance.

Hardware

- Supplied with Grade 13 ball bearing butt hinges as standard
- Upgrade options: concealed bearings, special finishes, fully concealed, heavy-duty continuous hinges
- Extensive hardware range. Custom hardware integration available.

Fire Rated Option

Fire ratings for internal use of up to 60mins are available as an upgrade with this doorset.

Thermal Performance

Standard U-value: 2.2 W/m²K.

Acoustic Option

Additional perimeter seals and an upgraded composite door core can deliver acoustic performance up to 37 dB Rw.

Vision Panels

- Custom-sized vision panels in rectangular, square, or round styles
- Single, double, or triple glazed options with privacy films, blinds, and obscure glass.

Over Panels/Side Panels

Designed to expand openings, these panels integrate seamlessly with Defender Duopar doorsets:

- Solid panels: Fixed or removable for easy handling, installation, and future access
- Removable over panels/transoms: Ideal for periodic access (e.g. large machinery)
- Glazed panels: Single or double glazed with weathertight wedge-gasket seals.

Finishes

- Powder coated as standard in any RAL colour
- Anti-microbial powder coating available for healthcare environments
- Woodgrain effect powder coating available in a huge range of designs
- Duopar frames can also be used with timber leaves – enquire for details.

Optional Extras

- Air transfer grilles
- Decorguard design upgrade.