NEXDOR

TECH SHEET: AS-FR-C

Issue date: 06-02-2026 Expiry date: 31-01-2027

2 hr fire rated, (37 - 40 Rw), Single leaf, Acoustic/Smoke/Fire doorset

DESCRIPTION

Pyropanel AS-FR-C is a 2 hour fire rated, 55mm nominal single leaf acoustic doorset (up to 40 Rw).

APPLICATIONS

Ideal for applications that requires up to 2 hours of fire resistance and an acoustic rating of up to 40 Rw, such as warehouses, factories and other commercial applications.

FEATURES

Acoustic Rating

- Up to 40 Rw (see seal combinations in table below)

Fire Resistance

- -/120/30

Smoke Resistance

- Meets the NCC requirement for a smoke door.

Door Configuration

- Single leaf

Thickness

- 55mm (nominal)

Door Weight

- Approx 53 kg/m^2

Size

- Maximum Size - 2400 x 1020mm (For Masonry, Concrete, Hebel and Plasterboard Walls)
- For other wall types, please contact your preferred Pyropanel distributor.

Frame

- Pyropanel Euroseal steel frame (filled).

Finish

- Ply or steel to both faces.

Seal combinations

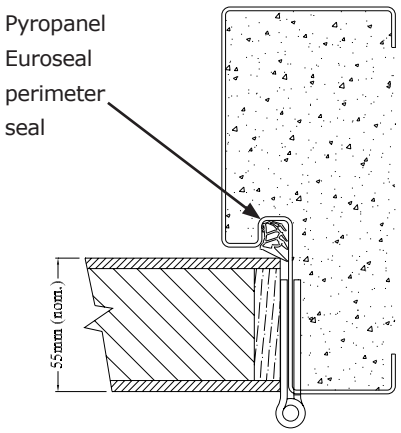
Door Type	Perimeter	Bottom	Rw
AS-FR-C1	Euroseal	Lorient LAS8001si + LAS8006si or Lorient LAS8001si + LAS8009si	40
AS-FR-C2	Euroseal	LAS8006si or LAS8009si	39
AS-FR-C3	Euroseal	Lorient LAS8001si	37

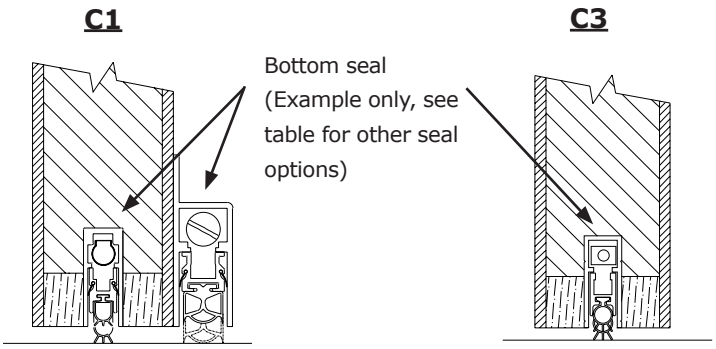
OPTIONAL EXTRAS

- Pre-hung in steel frame.
- Stainless steel faces.
- Pyropanel Pyrodur 13mm thick vision panels - 300 x 200 or 600 x 100mm nom. (Rw 38)
- Kick Panels of 1mm Stainless Steel to selected height.

INSTALLATION

Door frame must be tightly sealed against wall structure using Lorient intumescent sealant. Steel frames require filling with fire rated plasterboard, Pyropanel light weight M4 Mortar, concrete or mortar to achieve the desired acoustic and fire rating.





HOW TO SPECIFY

"Door to be a Pyropanel AS-FR-C1 acoustic door with -/120/30 FRL*, installed in a Pyropanel Euroseal filled steel door frame*".*

* denotes example - delete, change or specify as required

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