NEXDOR

Technical Sheet

AS-INTERCON-B

Issue Date: July 2026
Expiry Date July 2027

2 Hour Fire Rated, 50 Rw, Interconnecting, Acoustic/ Smoke/ Fire Doorset

Description
Pyropanel AS-INTERCON-B is a 50 Rw, 2 hour fire rated interconnecting door leaf arrangement in a single frame, with perimeter and bottom seals.

Applications
Ideal for interconnecting rooms that require up to 2 hours of fire rating and an acoustic rating of 50 Rw.

Features

Acoustic Rating
50 Rw (46 Rw+Ctr)

Fire Resistance
-/120/30 (steel frame, plasterboard/plaster filling),
-/120/60 (steel frame, Pyropanel lightweight M4 mortar, concrete or standard mortar filling)
-/60/60 (timber frame)

Smoke Resistance
Meets the NCC requirement for a smoke door. (NCC 2025 S12C4)

Door Configuration
Two doors in a single frame. (Interconnecting)

Thickness
Door A: 48mm nom.
Door B: 57mm nom.

Door Weight
Door A: approx 22 kg/m^2
Door B: approx 36 kg/m^2

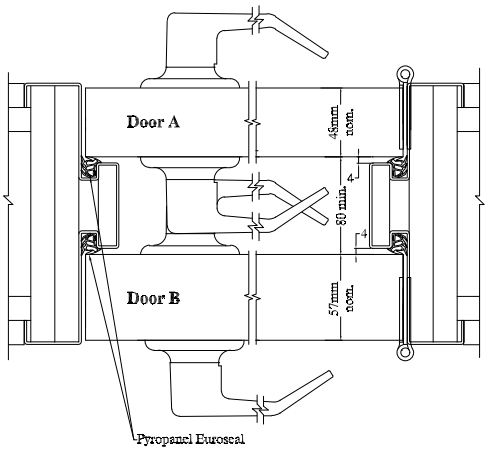
Size
Maximum size: 2400 mm high x 1020 mm wide

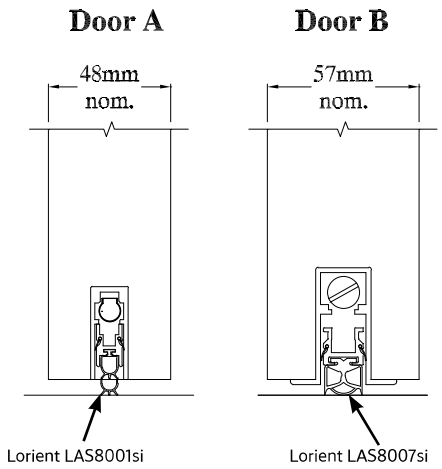
Frame
Double rebated KDHW timber (limited to 1 hour fire rating) or Steel Euroseal door frame, designed to receive one door on each side. The separation distance between the leaves is 80 mm (min.)

Seals

Door Type	Perimeter	Bottom	Rw
Door A	Pyropanel Euroseal	Lorient LAS8001si	50
Door B		Lorient LAS8007si	

Installation
Door frame must be tightly sealed against wall structure using Lorient Intumescent Sealant. Steel door frames will require filling with fire rated plasterboard, Pyropanel light weight M4 Mortar, concrete or mortar to achieve the desired acoustic rating. Internal door hardware must be offset to prevent any clashing when both leaves.





How To Specify
"Door to be a Pyropanel AS-INTERCON-B acoustic interconnecting doorset, installed into a Pyropanel fire-rated filled steel* Euroseal door frame".

*denotes example- delete, change or specify as required.

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