2 hr fire rated, 50 Rw, Interconnecting, Acoustic/Smoke/Fire doorset

DESCRIPTION

Pyropanel AS-INTERCON-A 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

Fire Resistance

- Up to -/120/30

Smoke Resistance

- Meets the NCC requirement for a smoke door.

Door Configuration

- Two doors in a single frame. (Interconnecting)

Thickness

- Both doors 48mm nom.

Door Weight

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

Size

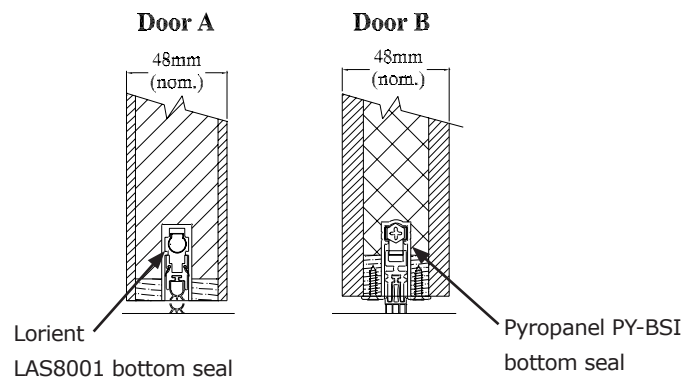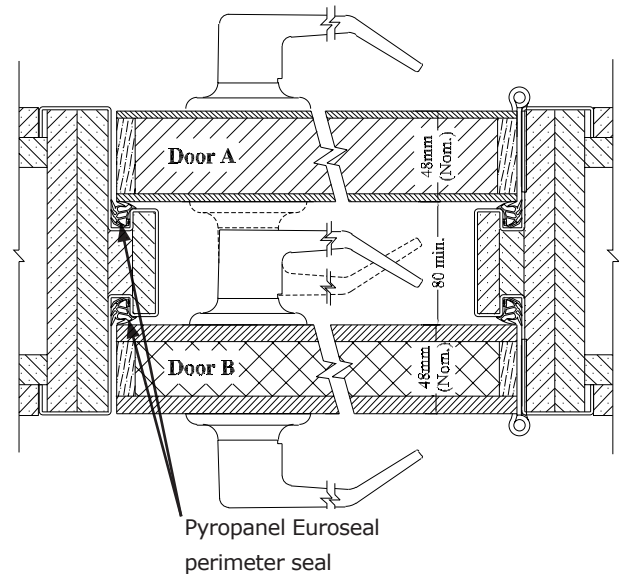- Maximum Size - 2400mm high x 1200mm wide.

Frame

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

Seals:

Door Type	Perimeter	Bottom	Rw
Door A	Pyropanel Euroseal	Lorient LAS8001	50
Door B	Pyropanel Euroseal	Pyropanel PY-BSI	50

INSTALLATION

Door frame must be tightly sealed against wall structure using Pyropanel Pyroseal fire and acoustic 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 are closed.

Pyropanel Euroseal perimeter seal

Lorient LAS8001 bottom seal

Pyropanel PY-BSI bottom seal

HOW TO SPECIFY

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

* denotes example - delete, change or specify as required