

# ACOUSTIC DOOR

## AS-46-INTERCON

**TECH SHEET:** AS-46-INTERCON

Issue: 30-07-2010

**1 hour fire rated 46 Rw twin leaf  
acoustic / smoke / fire door**

### DESCRIPTION

Pyropanel AP-46-INTERCON a 46 Rw, 1 hour fire rated twin door leaf arrangement, consisting of a 47mm one hour door and a 42mm non fire rated door in a single frame, both with Raven RP39 perimeter seals and RP38 bottom seals, and additional RP76 perimeter seals on the fire rated leaf

### APPLICATIONS

Ideal for interconnecting hotel rooms that may require up to 1 hour of fire rating and an Rw rating of 46.

### FEATURES

#### Acoustic Rating

- 46 Rw (46 STC)

#### Test Certificate number

- DSIR 360/445/89(x)

#### Fire Resistance

- -/60/30

#### Door Configuration

- Two doors in a single frame

#### Perimeter Seal

- Raven RP39 magnetic acoustic / smoke seals to both leaves, and,
- Raven RP76 to fire rated leaf

#### Bottom Seal

- Raven RP38 to both leaves

#### Thickness

- 47mm (nominal) fire door, and
- 42mm (nominal) non fire rated door

#### Size

- Maximum Size - 2400 high x 1200 wide
- Minimum Size - 1980 high x 810 wide

#### Hinges

- Minimum 3 steel hinges per leaf

#### Frame

- Double rebated KDHW timber or steel door frame designed to receive one door on each side. The separation distance between the leaves is 65mm.

#### Finish

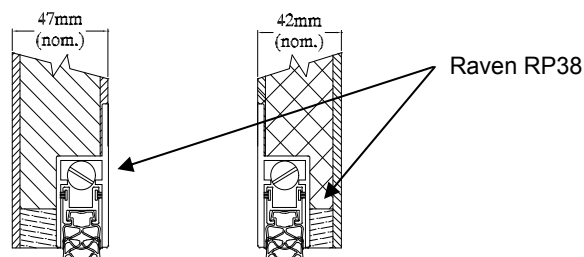
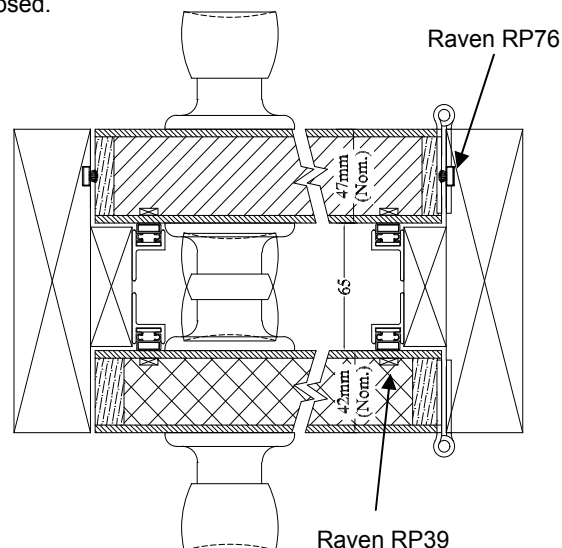
- MDF faces to both doors as standard

### OPTIONAL EXTRAS

- Pre-hung in steel or timber frame
- Ply, Veneer, MDF or Laminate facings of existing faces
- Steel and Stainless steel facings
- Vision panels - 300 x 200 or 600 x 100mm.
- Kick Panels of 1mm Stainless Steel to selected height
- Meets the BCA requirement for a smoke door

### INSTALLATION

Door frame must be tightly sealed against wall structure using Pyropanel Multiflex or approved alternative fire and acoustic sealant. Metal door frames will require packing with Pyropanel FR board, Fire rated plaster, concrete or mortar to achieve desired acoustic rating. Internal door hardware must be off set to prevent any clashing when both leaves are closed.



### HOW TO SPECIFY

*“Door to be a Pyropanel AP-46-INTERCON acoustic door pair, installed into a Pyropanel timber / packed metal\* door frame”*

\* denotes example—delete, change or specify as required