

ACOUSTIC DOOR

AS-47-SPECIAL

TECH SHEET—AS-47-SPECIAL

Issue: 13-12-04

Non fire rated 47 Rw single acoustic / smoke door

DESCRIPTION

Pyropanel AS-47-SPECIAL is a 47 Rw, non fire rated 48mm single leaf acoustic door that utilises 3798A 'Zero' magnetic perimeter smoke / acoustic seal and a 367A 'Zero' drop seal with a Pyropanel 'Pyrosill' bottom seal. This door comes standard with steel faces, and can be upgraded to ballistic rating as tested to Australian Standards.

APPLICATIONS

Ideal applications that require no fire resistance but require smoke resistance and an acoustic rating of 47 Rw. Also suitable for applications where certified bullet resistance is required and also where a ballistic rating is required.

FEATURES

Acoustic Rating

- 47 Rw (47 STC)

Test Certificate number

- TL409(q)

Fire Resistance

- Nil

Door Configuration

- Single leaf hung in a steel frame

Perimeter Seal

- 3708A 'Zero' magnetic acoustic / smoke seals

Bottom Seal

- 367A 'Zero' drop seal, and
- Pyropanel 'Pyrosill' sill seal

Thickness

- 48mm (Nominal)

Size

- Maximum Size - 2400 x 1200

Hinges

- Minimum 4 heavy duty steel hinges

Frame

- Packed pressed metal frame (2 hr)

Finish

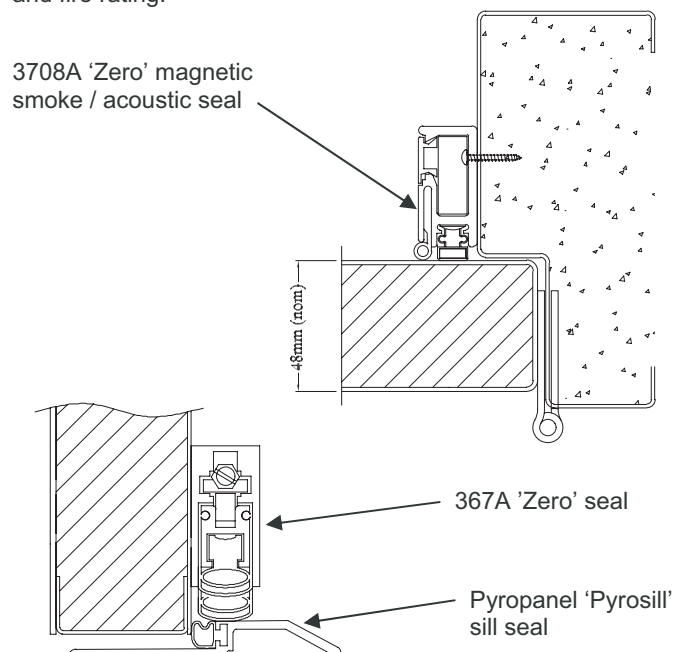
- Steel to both faces

OPTIONAL EXTRAS

- Ballistic rating to G0, G1, G2, S0 and S1 (tested to Australian Standards).
- Pre-hung in steel frame
- Ply, MDF, Veneer or Laminate facings can be applied over existing face
- Stainless steel faces
- Vision panels - 300 x 200 or 250 x 250mm.
- Kick Panels of 1.2mm Stainless Steel to selected height
- Meets the BCA requirement for a smoke door.
- Also see AS-45-SPECIAL for alternative seal combination

INSTALLATION

This door is extremely heavy, and the frame must be securely attached to the wall structure. Frame must then be tightly sealed to the 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 and fire rating.



HOW TO SPECIFY

*"Door to be a Pyropanel AS-47-SPECIAL acoustic door with Bullet resistance * installed in a packed pressed metal door frame*"*

* denotes example—delete, change or specify as required



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