Contact Ph 09-6330046 email sales@bestdoors.co.nz

11/9/2023

# Best Doors PC60P Door Set -/60/30sm Installation

WALL TYPE: TIMBER STUD FRAME TYPE: TIMBER

Fram e materials available:

Tim ber - minim um thickness is 30 m m

Fasteners:

Frame - Either nailed (75 x  $3.2\,\mathrm{m\,m}$ ) or screwed (10 g x  $75\,\mathrm{m\,m}$ ) at  $600\,\mathrm{m\,m}$  centres nominal. Two fixings per

Stops - nailed (50 x  $3.2\,\mathrm{m}\,\mathrm{m}$ ) at  $200\,\mathrm{m}\,\mathrm{m}$  centres.

Architrave - nailed (50 x 3.2 m m ) at 400 m m centres.

Pryda Jam b-fixa brackets Type JFB 100 at 500 m m centres may be used to fix profiles A & B to approved

walls.

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Stud size:

Ex 100 x 50 min im um.

Wedging gap:

0-1 0 m m

WALL TYPE: TIMBER STUD

FRAME TYPE: TIMBER
Frame materials available:

Tim ber - minim um thickness is 30 m m

Fasteners:

Frame - Either nailed (75 x 3.2 mm) or screwed (10 g x 75 mm) at 600 mm centres nominal. Two fixings per location.

Stops - nailed (50 x  $3.2\,\mathrm{m}\,\mathrm{m}$ ) at 200 m m centres. Architrave - nailed (50 x  $3.2\,\mathrm{m}\,\mathrm{m}$ ) at 400 m m centres. Pryda Jam b-fixa brackets Type JFB 100 at 500 m m centres may be used to fix profiles A & B to approved walls

Head Fixing (minimum):

Single door - none required

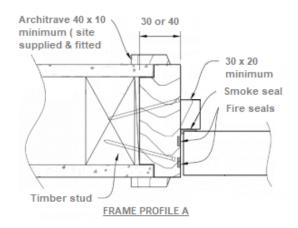
Paired door - single central fastener required

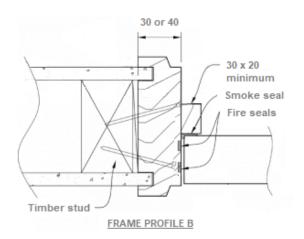
Stud size:

Ex 100 x 50 min im um.

Wedging gap:

0-1 0 m m





WALL TYPE: TIMBER STUD

FRAME TYPE: TIMBER

Fram e materials available:

Tim ber - minim um thickness is 30 m m

#### Fasteners:

Frame - Either nailed (75 x  $3.2\,\mathrm{m\,m}$ ) or screwed (10 g x  $75\,\mathrm{m\,m}$ ) at  $600\,\mathrm{m\,m}$  centres nominal. Two fixings per location.

Stops - nailed (50 x  $3.2\,m$  m) at  $200\,m$  m centres. Architrave - nailed (50 x  $3.2\,m$  m) at  $400\,m$  m centres.

## Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

### Stud size:

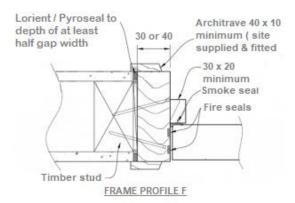
Ex 1 0 0 x 5 0 min im u m .

### Wedging gap:

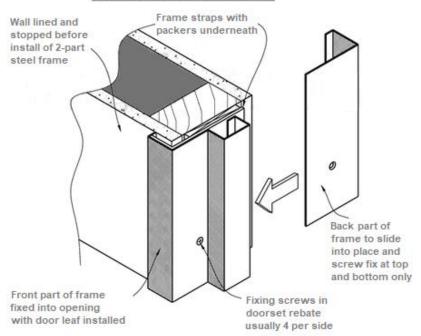
0-15 m m

WALL TYPE: TIM BER STUD

FRAME TYPE: STEEL



#### 2-PART STEEL FRAME IN TIMBER STUD



WALL TYPE: TIMBER STUD

FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

Fasteners:

Folded steel connection plates (as shown) to be supplied with frames.

Hook onto frame bracing straps and nail or screw to timber studs.

Fram e connection plates either clouts (30 x2.5 m m gib clouts) or screw fixed.

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Stud size:

Ex 100 x 50 min im u m

Wedging gap:

Not applicable

Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;

Plasterboard (30 minutes)

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/xx/-)

WALL TYPE: TIM BER STUD

FRAME TYPE: STEEL

Fram e materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

Fasteners:

Framing stud No.1 screwed to jamb.

Connection to stud No.2 via rebated nail on plates. One fastener per location except at bottom where two fasteners are required. Frame to be screw fixed  $(10g \times 50mm \text{ self})$ tapping) at 600 m m nominal centres. Two

fasteners per location where applicable.

Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

Stud size:

Ex 100x50 minim um

Wedging gap:

Not applicable

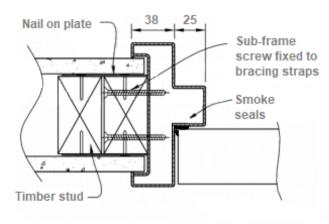
Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either; Plasterboard (30 minutes)

Frame connection Plates smoke seals Best Doors supplied connection plate Timber stud

#### FRAME PROFILE D3

Same method for G & J: wall thickness will determine profiles available



FRAME PROFILE D3

Same method for G & J: wall thickness will determine profiles available

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/x x/-)

WALL TYPE: TIM BER STUD

FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

Fasteners:

Fram e screwed to stud through Gib Fyreline

packing between stud and shims.

Frame to be screw fixed (10g x 50mm self tapping) at 600mm nominal centres. Two

fasteners per location where applicable.

Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

Stud size:

Ex 100 x 50 min im u m

Wedging gap:

0-10 m m

Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;

Plasterboard (30 minutes)

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/x x/-)

WALL TYPE: TIM BER STUD

FRAME TYPE: STEEL

Fram e materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

Fasteners:

Frames may be screwed directly to studs either through the stud and into the frame bracing straps or through the frame into the timber stud at 600mm centres nominal.

Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m centres nominal. Two

fasteners per location where applicable.

Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

Stud size:

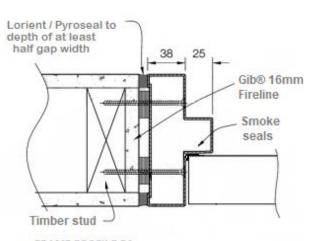
Ex 100 x 50 min im u m

Wedging gap:

Not applicable

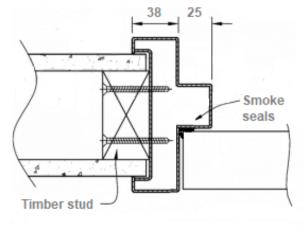
Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;



FRAME PROFILE D3

Same method for G & J: wall thickness will determine profiles available



FRAME PROFILE D3

Same method for G & J : wall thickness will determine profiles available

Plasterboard (30 minutes) Cornice plaster (30 minutes) Grout (60 minutes) Mineral Wool (30 minutes) No frame packing equals no insulation rating (i.e. -/xx/-)

WALL TYPE: MASONRY FRAME TYPE: TIMBER

Frame materials available:

Tim ber - minim um thickness is  $30\,\mathrm{m}\,\mathrm{m}$ 

Frame - M8 or M10 'Ramset' Dynabolts at 600 mm centres nominal. Fixings on or near centre of frame jam b.

Stops - nailed (50 x 3.2 m m) at 200 m m centres. Architrave - nailed (50 x 3.2 mm) at 400 mm centres.

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Wedging gap:

0-15 m m

WALL TYPE: MASONRY FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m (Must be fully grouted

fram e VP 9 0 - 1 2 0 )

Fasteners:

Jam b fixing at 600 mm centres minimum Expansion anchors eg. M10 countersunk 'Ramset' Dynabolts

M12 countersunk masonry screwbolts

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Wedging Gap:

0-15 m m

Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;

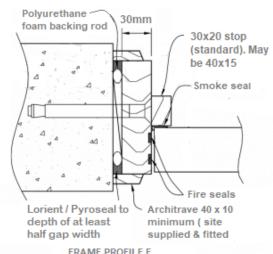
Plasterboard (30 minutes)

Cornice plaster (30 minutes)

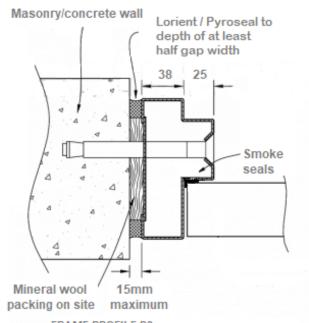
Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/x x /-)



FRAME PROFILE F



FRAME PROFILE D3 Same method for G & J: wall thickness will determine profiles available

WALL TYPE: MASONRY
FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Fasteners:

Jam b fixing at 600 mm centres minimum

8 - 10 Gauge self tapping screws

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Wedging Gap:

0-15 m m

Fire rating for unlined Speedpanel / Korok walls:

51 mm wa II: Max. FRR -/6 0 / 3 0 64 mm wa II: Max. FRR -/9 0 / 3 0 78 mm wa II: Max. FRR -/1 2 0 / 3 0

Integrity rating can be increased by 30 minutes by lining the wall one or both sides, up to a max. of 120 minutes.

Frame has to be filled with plasterboard or grout to achieve 30 minute insulation rating.

WALL TYPE: STEEL STUD FRAME TYPE: TIMBER

Fram e materials available:

Tim ber - minim um thickness is 30 m m

Fasteners:

Frame - Screwed (10 g x 50 m m self tapping) at  $600 \, \text{mm}$  centres nominal. Minimum of one screw per location. Frames may also be installed by screw fixing the steel studs to the back of the timber frame during wall construction.

Stops - nailed (50 x 3.2 mm) at 200 mm centres.

Architrave - nailed (50 x 3.2 m m ) at 400 m m centres.

Head Fixing (minimum):

Single door - none required

Paired door - single central fixing required

Stud size:

 $65 \times 34 \, \text{mm}$  minimum of  $0.55 \, \text{MSG}$  gauge.

Wedging gap:

0-1 0 m m

WALL TYPE: STEEL STUD
FRAME TYPE: TIMBER
Frame materials available:

Tim ber - minim um thickness is  $30\,\mathrm{m}$  m

Fasteners:

Frame - Screwed (10 g x 50 m m self tapping) at  $600 \, \text{mm}$  centres nominal. Minimum of one screw per location. Frames may also be installed by screw fixing the steel studs to the back of the timber frame during wall construction.

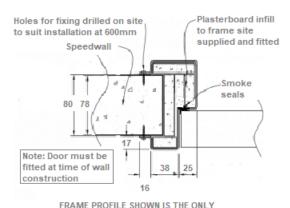
Stops - nailed (50 x 3.2 m m) at 200 m m centres.

Architrave - nailed (50 x 3.2 mm) at 400 mm centres.

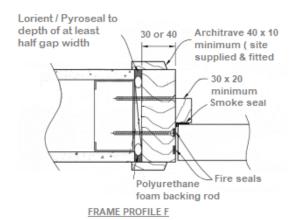
Head Fixing (minimum):

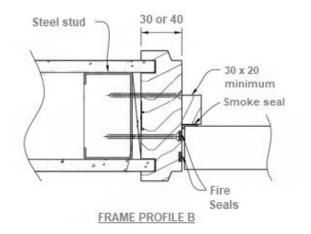
Single door - none required

Paired door - single central fixing required



PROFILE AVAILABLE FOR THIS WALL TYPE
NOTE: ON AVAILABLE AS SINGLE DOOR SET





#### Stud size:

 $65 \times 34 \, \text{m} \, \text{m}$  minimum of  $0.55 \, \text{MSG}$  gauge.

### Wedging gap:

0-1 0 m m

WALL TYPE: STEEL STUD

FRAME TYPE: TIMBER

Frame materials available:

Tim ber - minim um thickness is 30 m m

#### Fasteners:

Frame - Screwed (10 g x 50 m m self tapping) at  $600 \, \text{m}$  m centres nominal. Minimum of one screw per location. Frames may also be installed by screw fixing the steel studs to the back of the timber frame during wall construction.

Stops - nailed (50 x 3.2 m m ) at 200 m m centres. Architrave - nailed (50 x 3.2 m m ) at 400 m m centres.

### Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

#### Stud size:

 $65 \times 34 \, \text{mm}$  minimum of  $0.55 \, \text{MSG}$  gauge.

### Wedging gap:

0-10 m m

WALL TYPE: STEEL STUD

FRAME TYPE: STEEL

Fram e materials available:

EG Z  $-1.6 \, \text{m} \, \text{m}$ 

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

#### Fasteners:

Fram e screwed to boxed stud at  $600\,\mathrm{m}\,\mathrm{m}$  centres nominal with self tapping screws.

Steel studs may be riveted (steel pop rivets) or screwed (9g x  $45\,\mathrm{m}$  m self tapping) to the frame bracing straps at  $600\,\mathrm{m}$  m centres nominal.

#### Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

## Stud size:

 $65 \times 34\,\mathrm{m}\,\mathrm{m}$  minim um of  $0.5\,5$  SMG gauge

## Wedging gap:

Not applicable

# Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;

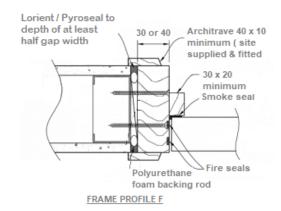
Plasterboard (30 minutes)

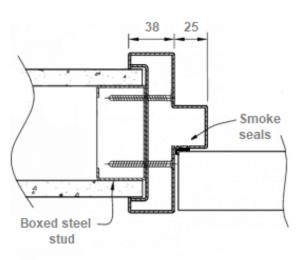
Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/x x/-)





# FRAME PROFILE D3

same method for G & J : wall thicknes will determine profiles available WALL TYPE: STEEL STUD

FRAME TYPE: STEEL

# Fram e materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m

#### Fasteners:

Frame screwed to boxed studs with packing steel shims at  $600\,\mathrm{mm}$  centres nominal.

Steel studs may be riveted (steel pop rivets) or screwed (9g x  $45\,\mathrm{m}\,\mathrm{m}$  self tapping) to the frame bracing straps at  $600\,\mathrm{m}\,\mathrm{m}$  centres nominal.

### Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

#### Stud size:

 $65 \times 34\,\mathrm{m}\,\mathrm{m}$  minimum of  $0.5\,5$  SMG gauge

#### Wedging Gap:

0-10 m m

#### Insulation rating:

To obtain an insulation rating, the steel frame must be packed with either;

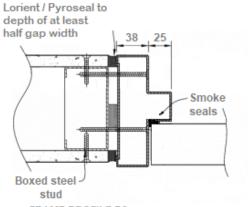
Plasterboard (30 minutes)

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

No frame packing equals no insulation rating (i.e. -/x x/-)



### FRAME PROFILE D3

same method for G & J : wall thicknes will determine profiles available