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

11/9/2023

### Best doors PR 90 Door Set -/90/60sm Installation

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing at 600 mm centres minimum
- 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 -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wa II: Max. FRR -/120/30

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

Plasterhoard infill Holes for fixing drilled on site to frame site to suit installation at 600mm supplied and fitted Speedwall Smoke seals 80 78 Note: Door must be fitted at time of wall construction

> FRAME PROFILE SHOWN IS THE ONLY PROFILE AVAILABLE FOR THIS WALL TYPE NOTE: ON AVAILABLE AS SINGLE DOOR SET

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation ratin a .

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing at 60 mm centres minimum
- 10 Gauge self tapping screws

### Head Fixing (minimum):

- Single door 2 required
- Paired door 4 required

### Wedging gap:

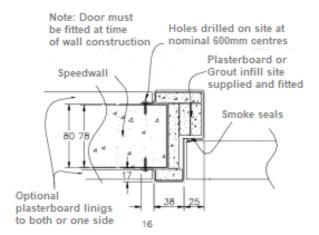
0 - 15 m m

### Fire rating for unlined Speedpanel / Korok walls:

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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

### PC30 to PR120 Steel Frame in Speedwall



FRAME PROFILE SHOWN IS THE ONLY PROFILE AVAILABLE FOR THIS WALL TYPE SIZE RESTRICTION APPLY

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation ratin q.

Please note that when using this installation method the frame has to be built into the wall. It can't be installed in a pre-formed opening.

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 x 75 m m Gauge self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

# Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

Optional

plasterboard linigs

to both or one side

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

# Fire rating for unlined Speedpanel / Korok walls:

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10g x 75m m self tapping screws

### Head Fixing (minimum):

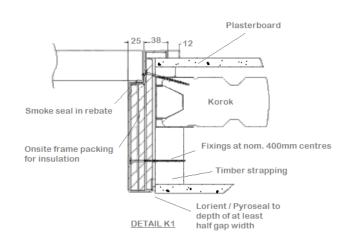
- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30



PR30 to PR120 Steel Frame in Speedwall

half gap width both sides

Lorient / Pyroseal to a depth of at least

Holes drilled on site at

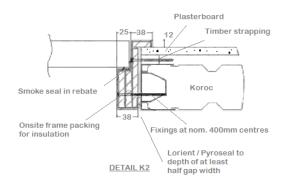
Plasterboard or

Grout infill site

Smoke seals

supplied and fitted

nominal 400mm centres



walls:

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

WALL TYPE: KOROK / SPEEDWALL

FRAME TYPE: STEEL, 1-PART

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

Fixings at nom. 400mm centres

Smoke seal in rebate

for insulation

Onsite frame packing

Lorient / Pyroseal to

depth of at least half gap width Koroc

Plasterboard

Timber strapping

**ΠΕΤΔΙΙ Κ**4

WALL TYPE: KOROK / SPEEDWALL

FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

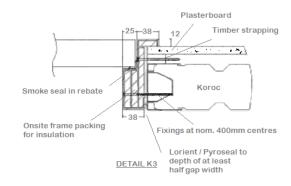
### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wa II: Max. FRR -/120/30

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

WALL TYPE: KOROK / SPEEDWALL



walls:

walls:

FRAME TYPE: STEEL, 1-PART

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok walls:

- 51 mm wa II: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation rating.



FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wall: Max. FRR -/120/30

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, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

WALL TYPE: KOROK / SPEEDWALL

FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

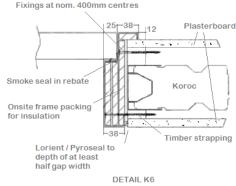
- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- $\bullet$   $\,$  64 mm wa II: Max. FRR  $\,$  -/9 0 /3 0
- 78 mm wall: Max. FRR -/120/30



Fixings at nom. 400mm centres

Lorient / Pyroseal to

**DETAIL K5** 

depth of at least

half gap width

Smoke seal in rebate

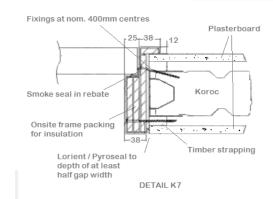
Onsite frame packing

for insulation

walls:

Timber strapping

Plasterboard



walls:

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

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation ratin q.

WALL TYPE: KOROK / SPEEDWALL FRAME TYPE: STEEL, 1-PART

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wa II: Ma x . FR R -/120/30



Plasterboard

Plasterboard

Koroc

Timber strapping

Fixings at nom. 400mm centres

Smoke seal in rebate

Onsite frame packing

Lorient / Pyroseal to

depth of at least

for insulation

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

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation ratin g.

Fixings at nom. 400mm centres

WALL TYPE: KOROK / SPEEDWALL

FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

# Smoke seal in rebate Onsite frame packing for insulation Timber strapping Lorient / Pyroseal to

-38

depth of at least half gap width DETAIL K9

### Fire rating for unlined Speedpanel / Korok walls:

- 51 mm wa II: Max. FRR -/60/30
- 64 mm wa II: Max. FRR -/90/30
- 78 mm wa II: Max. FRR -/120/30

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

Fram e has to be filled with plasterboard, ceram ic fibre blanket or grout to achieve 30 minute insulation ratin g .

WALL TYPE: KOROK / SPEEDWALL

FRAME TYPE: STEEL, 1-PART

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 g x 75 m m self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

- 51 mm wall: Max. FRR -/60/30
- 64 mm wall: Max. FRR -/90/30
- 78 mm wa II: Max. FRR -/120/30

Integrity rating can be increased by 30

by lining the wall one or both sides, up to a max. of 120 minutes.

Frame has to be filled with plasterboard, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

Fixings at nom. 400mm centres

 $\mathsf{WALL} \ \mathsf{TYPE} : \ \mathsf{KOROK} \ \ \mathsf{/} \ \mathsf{SPEEDWALL}$ 

FRAME TYPE: STEEL, 1-PART

Note: This installation method is only applicable to 78 mm Korok walls

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Jam b fixing 6 sets (i.e. 12 per jam b)
- 10 x 75 m m Gauge self tapping screws

### Head Fixing (minimum):

- Single door none required
- Paired door 1 set

### Wedging gap:

• 0 - 15 m m

### Fire rating for unlined Speedpanel / Korok

• 78 mm wall: Max. FRR -/120/30

Frame has to be filled with plasterboard, ceramic fibre blanket or grout to achieve 30 minute insulation rating.

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

## Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

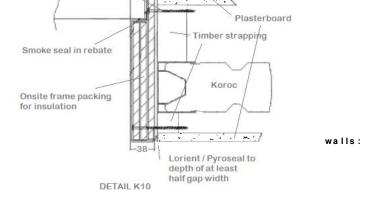
- Folded steel connection plates (as shown) to be supplied with frames.
- Hook onto frame bracing straps and nail or screw to timber studs.
- Frame connection plates either clouts (30 x  $2.5 \ m$  m gib clouts) or screw fixed.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• Ex 100 x 50 min im u m



38

min u te s

25-38-

Fixings at nom, 400mm centres

Smoke seal in rebate

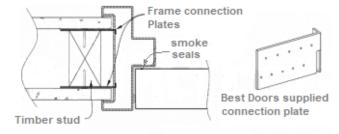
Onsite frame packing for insulation

Lorient / Pyroseal to depth of at least half gap width

**DETAIL K11** 

---

walls:



### FRAME PROFILE D3

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

### Wedging gap:

Not applicable

### Insulation rating:

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

- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 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 (10 g x 50 m m self tapping) at 600 m m nominal centres. Two fasteners per location where applicable.

### 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Frame screwed to stud through Gib Fyreline packing between stud and shims.
- Frame to be screw fixed (10 g x 50 m m tapping) at 600 m m nominal centres. Two fasteners per location where applicable.

### Head Fixing (minimum):

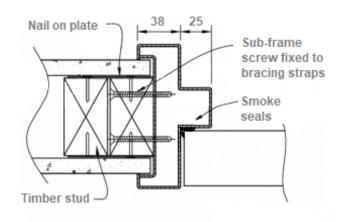
- Single door none required
- Paired door single central fastener required

### Stud size:

• Ex 100 x 50 minim um

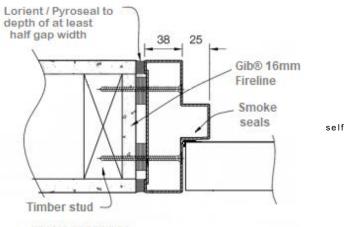
### Wedging gap:

• 0-10 m m



### 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

### Insulation rating:

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

- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 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 600 mm centres minimum.
- Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m nominal centres. Two fasteners per location where applicable.

### 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Gib Universal wall systems - One way FRR only

Please refer to Gib Fire Rated Systems manual for thickness and number of lining boards.

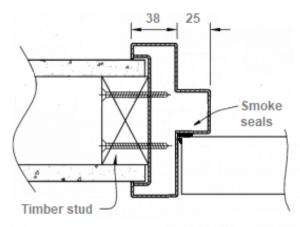
### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- $\bullet \qquad \text{Fram in g} \quad \text{stud} \quad \text{No.1} \quad \text{screwed} \quad \text{to} \quad \text{jam b} \, .$
- 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 self tapping) at 600mm nominal centres. Two fasteners per location where applicable.

Head Fixing (minimum):



### FRAME PROFILE D3

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

- Single door none required
- Pair 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

Gib Universal wall systems - One way FRR only Please refer to Gib Fire Rated Systems manual for thickness and number of lining boards.

### Fram e materials available:

Cold rolled galvanized - 1.6 m m

### Fasteners:

- Frame screwed to stud
- Frame to be screw fixed (10 g self tapping) at 600 nominal centres. Two fasteners per location where applicable

### Head Fixing (minimum):

- Single door none required
- Pair door double central fastener required

### Stud size:

• Ex 100 x 50 minim u m

### Wedging gap:

• 0-10 mm

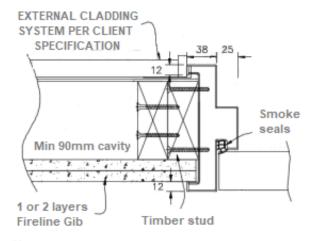
### Insulation rating:

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

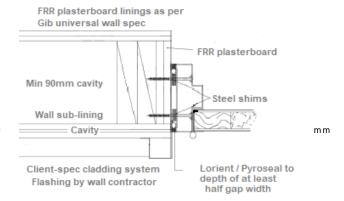
- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

### PC30 - PR90 STEEL FRAME INSTALLATION TO GIB-GBUW EXTERNAL ONE WAY FIRE WALL



### FRAME PROFILE D3



WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Frame screwed to stud through Gib Fyreline packing between stud and shims.
- Frame to be screw fixed (10g self tapping) at 600 mm nominal centres. Two fasteners per location where applicable.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

Ex 100 x 50 minim 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: TIMBER STUD FRAME TYPE: STEEL, 1-PART

### Frame materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- $\bullet \qquad \text{Fram e screwed to stud through fram e wings} \\$
- $\bullet$  Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m no min al centres

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• Ex. 100x50 mm minimum

### Wedging gap:

• 0-10 m m

### Insulation rating:

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

- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

Lorient / Pyroseal to depth of at least half gap width

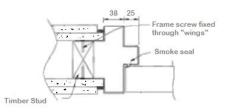
Onsite frame packing for insulation

Smoke seal

Fibre cement or Plasterboard packing

FRAME PROFILE R

PR90 to PR120 Frame Install to Timber Stud



with

FRAME PROFILE D3

WALL TYPE: MASONRY

FRAME TYPE: STEEL, 1-PART

### Fram e 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:

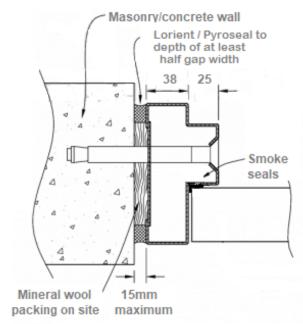
• 0-15 m m

### Insulation rating:

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

- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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



### FRAME PROFILE D3

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

WALL TYPE: STEEL STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Boxed stud riveted with steel pop rivets or screwed with self tapping screws to frame bracing straps at 600 mm centres minimum.
- Steel studs may be riveted (steel pop rivets) or screwed (9g x 45 m m self tapping) to the frame bracing straps.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• 65 x 34 m m minim um of 0.55 SMG gauge

### Wedging gap:

• Not applicable

### Insulation rating:

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

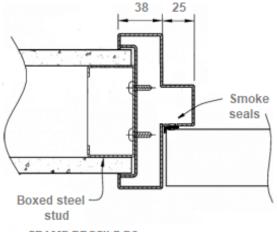
- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: STEEL STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m



### FRAME PROFILE D3

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

### Fasteners:

- Frame screwed to boxed stud at 600 mm centres minimum with self tapping screws.
- Steel studs may be riveted (steel pop rivets) or screwed (9g x 45 mm self tapping) to the frame bracing straps.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• 65 x 34 m m min im u m of 0.55 SMG gauge

### Wedging gap:

• Not applicable

### Insulation rating:

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

- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

Smoke seals

Boxed steel stud

### FRAME PROFILE D3

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

WALL TYPE: STEEL STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Frame screwed to boxed studs with packing steel shims.
- Steel studs may be riveted (steel pop rivets) or screwed (9g x 45 m m self tapping) to the frame bracing straps.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

 $\bullet~$  65 x 34 m m  $\,$  min im u m  $\,$  of 0.55 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

# Lorient / Pyroseal to depth of at least half gap width Smoke seals Boxed steel stud

### FRAME PROFILE D3

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

WALL TYPE: STEEL STUD

FRAME TYPE: STEEL, 1-PART

Frame materials available:

• EG Z - 1.6 m m

• Cold rolled galvanized - 1.6 m m

### Fasteners:

- Frame screwed to stud through Gib Fyreline packing between stud and shims.
- Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m nominal centres. Two fasteners per location where applicable.

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• 92 x 34 m m minim um of 0.55 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)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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

WALL TYPE: STEEL STUD FRAME TYPE: STEEL, 1-PART

### Fram e materials available:

- EG Z 1.6 m m
- Cold rolled galvanized 1.6 m m

### Fasteners:

- Frame screwed to stud through frame wings
- Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m nominal centres

### Head Fixing (minimum):

- Single door none required
- Paired door single central fastener required

### Stud size:

• 65 x 34 m m minim um of 0.55 MSG gauge.

### Wedging gap:

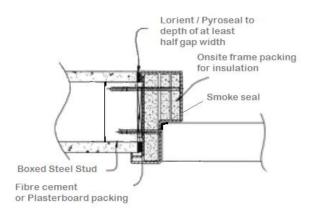
• 0-10 m m

### Insulation rating:

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

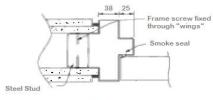
- Plasterboard (30 minutes)
- Ceramic fibre blanket (30 minutes)
- Cornice plaster (30 minutes)
- Grout (60 minutes)
- Pyropanel M4 mortar (60 minutes)

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



FRAME PROFILE R





FRAME PROFILE D3