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11/9/2023

Best doors PD 60 Double Action Door Set -/60/60sm Installation

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 (PD 30-PD 60 only)

Fasteners:

Folded steel connection plates (as shown) to be $\label{eq:supplied} \sup \mathsf{plied} \ \ \mathsf{with} \ \ \mathsf{frames} \ .$

Hook onto frame bracing straps and nail or screw

to timber studs.

Fram e connection plates either clouts (30 \times

2.5 m m gib clouts) or screw fixed.

Head Fixing (minimum):

Single door - none required

Paired door - single central fixing required

Stud size:

Ex 100x50mm minimum

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)

 $\hbox{Mineral Wool (30 minutes)} \\$

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

WALL TYPE: TIMBER 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 (PD 30-PD 60 only)

Fasteners:

Framing stud No.1 screwed to jam b.

Connection to stud No.2 via rebated nail on

plates. One fastener per location except at

bottom where two fasteners are required.

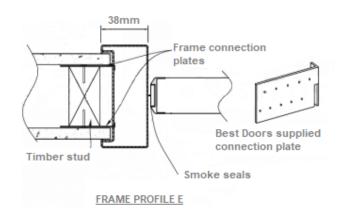
Fram e to be screw fixed (10 g x $50 \, \text{m}$ m self

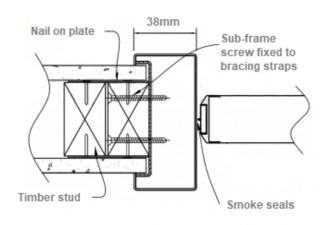
tapping) at 600 m m centres nominal. Two fasteners per location where applicable.

Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required





FRAME PROFILE E

Stud size:

Ex 100x50mm minimum

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: TIMBER STUD

FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - $1.5 \, \text{mm}$ (PD 30-PD 60 only)

Fasteners:

Fram e 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 $600 \, \text{m}$ m centres nominal. Two fasteners per location where applicable.

Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required

Stud size:

 $Ex \quad 10 \; 0 \; x \; 5 \; 0 \; m \; m \quad min \; im \; u \; m \\$

Wedging gap:

0-1 0 m m

Insulation rating:

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

Plasterboard (30 \min utes)

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)

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

WALL TYPE: TIMBER 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 $\,$ (PD 30-PD 60 $\,$ only)

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.

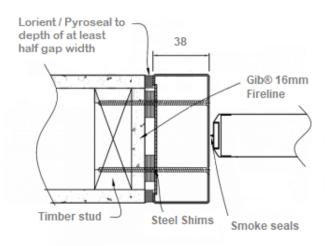
Frame to be screw fixed (10 g x 50 m m self tapping) at 600 m m centres nominal. Two

fasteners per location where applicable.

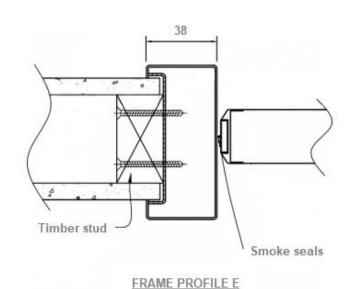
Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required



FRAME PROFILE E



Stud size:

Ex 100x50mm minimum

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: 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 $\,$ (PD 1 2 0 $\,$ Must be fully

grouted frame)

Fasteners:

Jam b fixing at $600\,\mathrm{m}\,\mathrm{m}$ centres nominal

Expansion anchors eg. M10 countersunk

'Ram set' 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 /-)

Masonry/concrete wall Lorient / Pyroseal to depth of at least half gap width 38 Mineral wool 15mm maximum

FRAME PROFILE E

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 (PD 30 - PD 60 only)

Fasteners:

Boxed stud riveted with steel pop rivets or screwed with self tapping screws to frame bracing straps at 600mm centres minimum.

Steel studs may be riveted (steel pop rivets) or screwed (9g x 45mm self tapping) to the frame bracing straps.

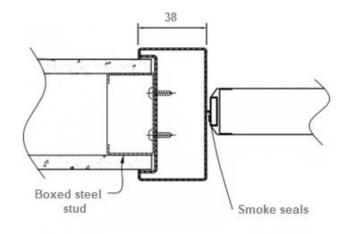
Head Fixing (minimum):

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



FRAME PROFILE E

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/-)

WALL TYPE: STEEL STUD

FRAME TYPE: STEEL

Frame materials available:

EG Z - 1.6 m m

Cold rolled galvanized - 1.6 m m

Stainless Steel - $1.5 \, \text{mm}$ (PD $30 \, \text{-PD} \, 60$ only)

Fasteners:

Frame screwed to boxed stud at 600 mm 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 centres nominal.

Head Fixing (minimum):

Single door - none required

Paired door - single central fastener required

Stud size:

 $65 \times 34 \, \text{mm}$ minimum of $0.55 \, \text{SMG}$ 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 $\min utes$)

 $\hbox{Mineral Wool (30 minutes)} \\$

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

WALL TYPE: STEEL STUD

FRAME TYPE: STEEL

Frame materials available:

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

Cold rolled galvanized - 1.6 m m

Stainless Steel - 1.5 m m (PD 30-PD 60 only)

Fasteners:

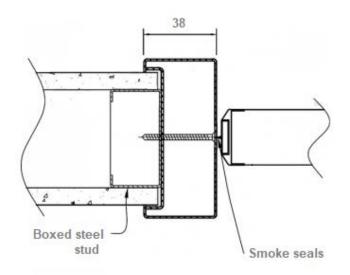
Frame screwed to boxed studs with packing steel shims at 600 centres nominal.

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 centres nominal.

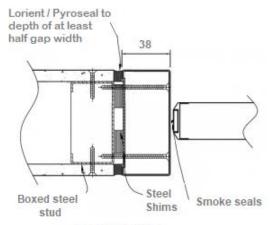
Head Fixing (minimum):

Single door - none required

Paired door - double central fastener required



FRAME PROFILE E



FRAME PROFILE E

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Stud size:

65 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)

Cornice plaster (30 minutes)

Grout (60 minutes)

Mineral Wool (30 minutes)
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No frame packing equals no insulation rating (i.e. -/xx/-)