

PE 50 Single Solid Doors

Ref: DS018

Cleanroom single, double or leaf & half doorset's comprised of:

- > Door Leaf: Two external coated steel sheets with various surface finishes folded & sealed.
- > Door Leaf core aluminium honeycomb or rockwool.
- > Fully flush vision panel (size options below).
- > Door Frame solid aluminium extrusion profiled to interlock with adjoining panels by inserting a 30x33mm joint tube profile.
- > Door Frame powder coated to any RAL classic colour & fully welded at corners with no visible mitre joint.
- > Flush Mounting of door interlock controls & components.

Door Characteristics & Performance

- > Door Thickness: 50mm
- > Thickness of coated steel outer face: 0.75mm
- > Maximum frame width (Single Door 1400mm) (Double Door 2500mm) frame height (Single & Double 2630mm)
- > Standard ironmongery includes: Door closer - AssaAbloy DC700 white, Door Hinges - Black nylon surface mounted hinges, Pull Handle - Normbau model 22 stainless steel 300mm long x ø32mm, Push plate - stainless steel 75mm wide x 300mm long, Kick plate - Stainless steel to client requirements, Door base dropseal.

Door Ironmongery Options

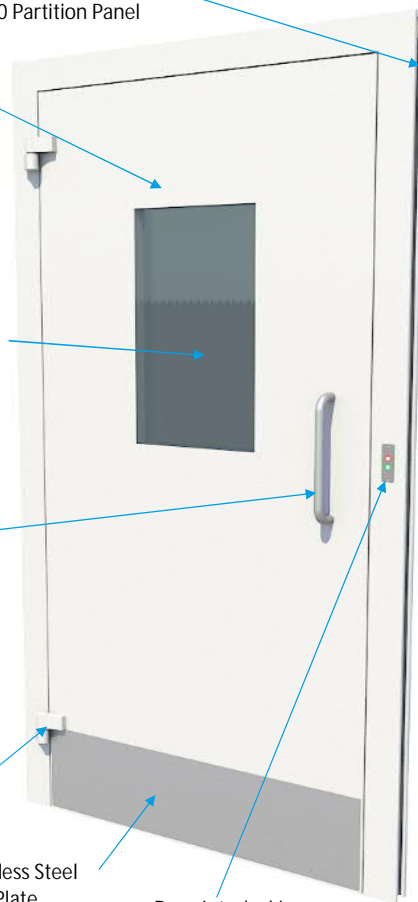
Hinges: Aluminium surface mounted 3D adjustable lift off hinge, Stainless Steel lift off hinge.
 Door Locks: Flush intergrated maglock with ball contact door position switch, Eurocylinder with key lockase, Thumbturn with coin lockcase.
 Pull & Leaver Handles: Stainless steel offset pull handle 300mm long x ø32mm, Stainless Steel leaver handle 220mm long x ø20mm, Black nylon offset pull handle 300mm long x ø32mm, Black nylon leaver handle 220mm long x ø20mm, Emergency Exit: Exidoor 400 Series.

Door Vision Panel Options

340mm wide x 620mm high double glazed 6mm glass,
 600mm wide x 800mm high double glazed 6mm glass,
 200mm wide x 1500mm high double glazed 6mm glass,
 1 or 2no Vision Panels can be installed in a single leaf.

Door Frame Profiled to Interlock
 Flush With PE50 Partition Panel

Coated Steel Sheet Door Leaf
 Double Glazed Vision Panel 6mm Laminated Glass
 Pull Handle / Leaver Handle
 Surface Mounted Hinges
 Stainless Steel Kick Plate
 Door Interlocking Controls



3D View

Packaging

Doors stacked on a wooden pallet max 5 doors high. Max pallet height: 1500mm, Max pallet width: 1400mm. Max pallet length: 2500mm, Protection to the vertical & horizontal corners of the stack. ISPM 15 certified crafting available on request for US market.

Door Leaf Finish Options

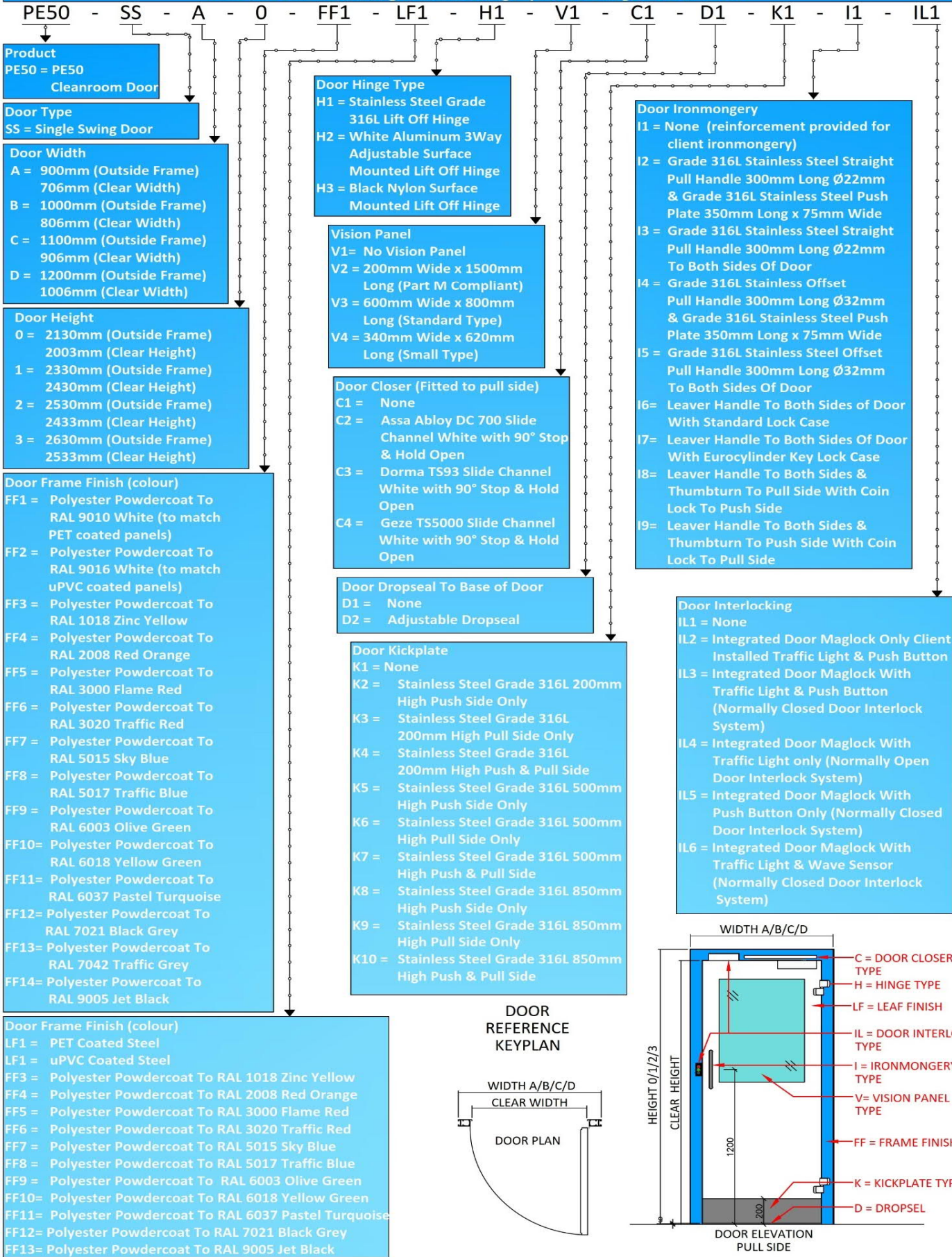
Standard Polyester Powdercoat steel finish to any RAL classic colour, PET coated steel finish to RAL 9010 white only
 uPVC coated steel finish to RAL 9016 white, 5002 & 5022 Blue, 6026 & 6021 Green, 2000 Orange, 3005 Red, 9005 Black, 7005, 7023 & 9018. Grey

Note Door Frame Only Available in Polyester Powdercoat Finish to any RAL Classic Colour



Ordering Options

PSSB Door Ordering Numbering System Single Leaf Door



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PE 50

Leaf & Half Solid Doors

Ref: DS018

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- > Door Leaf: Two external coated steel sheets with various surface finishes folded & sealed.
- > Door Leaf core aluminium honeycomb or rockwool.
- > Fully flush vision panel (size options below).
- > Door Frame solid aluminium extrusion profiled to interlock with adjoining panels by inserting a 30x33mm joint tube profile.
- > Door Frame powder coated to any RAL classic colour & fully welded at corners with no visible mitre joint.
- > Flush Mounting of door interlock controls & components.

Door Characteristics & Performance

- > Door Thickness: 50mm
- > Thickness of coated steel outer face: 0.75mm
- > Maximum frame width (Single Door 1400mm) (Double Door 2500mm) frame height (Single & Double 2630mm)
- > Standard ironmongery includes: Door closer - AssaAbloy DC700 white, Door Hinges - Black nylon surface mounted hinges, Pull Handle - Normbau model 22 stainless steel 300mm long x ø32mm, Push plate - stainless steel 75mm wide x 300mm long, Kick plate - Stainless steel to client requirements, Door base dropseal.

Door Ironmongery Options

Hinges: Aluminium surface mounted 3D adjustable lift off hinge, Stainless Steel lift off hinge.
Door Locks: Flush intergrated maglock with ball contact door position switch, Eurocylinder with key lockase, Thumbturn with coin lockcase.
Pull & Leaver Handles: Stainless steel offset pull handle 300mm long x ø32mm, Stainless Steel leaver handle 220mm long x ø20mm, Black nylon offset pull handle 300mm long x ø32mm, Black nylon leaver handle 220mm long x ø20mm, Emergency Exit: Exidoor 400 Series.

Door Vision Panel Options

340mm wide x 620mm high double glazed 6mm glass,
600mm wide x 800mm high double glazed 6mm glass,
200mm wide x 1500mm high double glazed 6mm glass,
1 or 2no Vision Panels can be installed in a single leaf.

Door Frame Profiled to Interlock
Flush With PE50 Partition Panel

Coated Steel
Sheet Door
Leaf

Double Glazed
Vision Panel
6mm Laminated
Glass

Door Interlocking
Controls

Pull Handle
/ Leaver Handle

Surface Mounted
Hinges

Stainless Steel
Kick Plate

3D View

Packaging

Doors stacked on a wooden pallet max 5 doors high. Max pallet height: 1500mm, Max pallet width: 1400mm. Max pallet length: 2500mm, Protection to the vertical & horizontal corners of the stack. ISPM 15 certified crafting available on request for US market.

Door Leaf Finish Options

Standard Polyester Powdercoat steel finish to any RAL classic colour, PET coated steel finish to RAL 9010 white only
uPVC coated steel finish to RAL 9016 white, 5002 & 5022 Blue, 6026 & 6021 Green, 2000 Orange, 3005 Red, 9005 Black, 7005, 7023 & 9018. Grey

Note Door Frame Only Available in Polyester Powdercoat Finish to any RAL Classic Colour



Ordering Options

PE50 Door Ordering Numbering System Leaf & Half Door

PE50 - LS - A - 0 - FF1 - LF1 - H1 - V1 - C1 - D1 - K1 - I1 - IL1

Product
PE50 = PE50
Cleanroom Door

Door Type
LS = Leaf & Half Swing Door

Door Width
A = 1400mm (Outside Frame)
1206mm (Clear Width)
B = 1500mm (Outside Frame)
1306mm (Clear Width)
C = 1600mm (Outside Frame)
1406mm (Clear Width)
D = 1800mm (Outside Frame)
1606mm (Clear Width)

Door Height
0 = 2130mm (Outside Frame)
2003mm (Clear Height)
1 = 2330mm (Outside Frame)
2430mm (Clear Height)
2 = 2530mm (Outside Frame)
2433mm (Clear Height)
3 = 2630mm (Outside Frame)
2533mm (Clear Height)

Door Frame Finish (colour)
FF1 = Polyester Powdercoat To RAL 9010 White (to match PET coated panels)
FF2 = Polyester Powdercoat To RAL 9016 White (to match uPVC coated panels)
FF3 = Polyester Powdercoat To RAL 1018 Zinc Yellow
FF4 = Polyester Powdercoat To RAL 2008 Red Orange
FF5 = Polyester Powdercoat To RAL 3000 Flame Red
FF6 = Polyester Powdercoat To RAL 3020 Traffic Red
FF7 = Polyester Powdercoat To RAL 5015 Sky Blue
FF8 = Polyester Powdercoat To RAL 5017 Traffic Blue
FF9 = Polyester Powdercoat To RAL 6003 Olive Green
FF10 = Polyester Powdercoat To RAL 6018 Yellow Green
FF11 = Polyester Powdercoat To RAL 6037 Pastel Turquoise
FF12 = Polyester Powdercoat To RAL 7021 Black Grey
FF13 = Polyester Powdercoat To RAL 7042 Traffic Grey
FF14 = Polyester Powdercoat To RAL 9005 Jet Black

Door Frame Finish (colour)
LF1 = PET Coated Steel
LF1 = uPVC Coated Steel
FF3 = Polyester Powdercoat To RAL 1018 Zinc Yellow
FF4 = Polyester Powdercoat To RAL 2008 Red Orange
FF5 = Polyester Powdercoat To RAL 3000 Flame Red
FF6 = Polyester Powdercoat To RAL 3020 Traffic Red
FF7 = Polyester Powdercoat To RAL 5015 Sky Blue
FF8 = Polyester Powdercoat To RAL 5017 Traffic Blue
FF9 = Polyester Powdercoat To RAL 6003 Olive Green
FF10 = Polyester Powdercoat To RAL 6018 Yellow Green
FF11 = Polyester Powdercoat To RAL 6037 Pastel Turquoise
FF12 = Polyester Powdercoat To RAL 7021 Black Grey
FF13 = Polyester Powdercoat To RAL 9005 Jet Black

Door Hinge Type
H1 = Stainless Steel Grade 316L Lift Off Hinge
H2 = White Aluminum 3Way Adjustable Surface Mounted Lift Off Hinge
H3 = Black Nylon Surface Mounted Lift Off Hinge

Vision Panel
V1 = No Vision Panel
V2 = 200mm Wide x 1500mm Long (Part M Compliant)
V3 = 600mm Wide x 800mm Long (Standard Type)
V4 = 340mm Wide x 620mm Long (Small Type)

Door Closer (Fitted to pull side)
C1 = None
C2 = Assa Abloy DC 700 Slide Channel White with 90° Stop & Hold Open
C3 = Dorma TS93 Slide Channel White with 90° Stop & Hold Open
C4 = Geze TS5000 Slide Channel White with 90° Stop & Hold Open

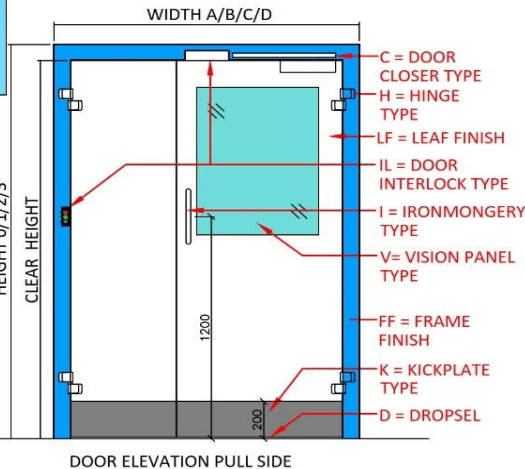
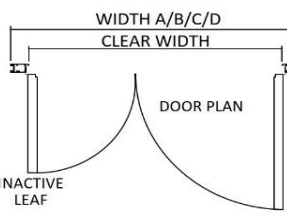
Door Dropseal To Base of Door
D1 = None
D2 = Adjustable Dropseal

Door Kickplate
K1 = None
K2 = Stainless Steel Grade 316L 200mm High Push Side Only
K3 = Stainless Steel Grade 316L 200mm High Pull Side Only
K4 = Stainless Steel Grade 316L 200mm High Push & Pull Side
K5 = Stainless Steel Grade 316L 500mm High Push Side Only
K6 = Stainless Steel Grade 316L 500mm High Pull Side Only
K7 = Stainless Steel Grade 316L 500mm High Push & Pull Side
K8 = Stainless Steel Grade 316L 850mm High Push Side Only
K9 = Stainless Steel Grade 316L 850mm High Pull Side Only
K10 = Stainless Steel Grade 316L 850mm High Push & Pull Side

Door Ironmongery (inactive leaf includes flush bolt)
I1 = None (reinforcement provided for client ironmongery)
I2 = Grade 316L Stainless Steel Straight Pull Handle 300mm Long Ø22mm & Grade 316L Stainless Steel Push Plate 350mm Long x 75mm Wide
I3 = Grade 316L Stainless Steel Straight Pull Handle 300mm Long Ø22mm To Both Sides Of Door
I4 = Grade 316L Stainless Offset Pull Handle 300mm Long Ø32mm & Grade 316L Stainless Steel Push Plate 350mm Long x 75mm Wide
I5 = Grade 316L Stainless Steel Offset Pull Handle 300mm Long Ø32mm To Both Sides Of Door
I6 = Leaver Handle To Both Sides of Door With Standard Lock Case
I7 = Leaver Handle To Both Sides Of Door With Eurocylinder Key Lock Case
I8 = Leaver Handle To Both Sides & Thumbturn To Pull Side With Coin Lock To Push Side
I9 = Leaver Handle To Both Sides & Thumbturn To Push Side With Coin Lock To Pull Side

Door Interlocking
IL1 = None
IL2 = Integrated Door Maglock Only Client Installed Traffic Light & Push Button
IL3 = Integrated Door Maglock With Traffic Light & Push Button (Normally Closed Door Interlock System)
IL4 = Integrated Door Maglock With Traffic Light only (Normally Open Door Interlock System)
IL5 = Integrated Door Maglock With Push Button Only (Normally Closed Door Interlock System)
IL6 = Integrated Door Maglock With Traffic Light & Wave Sensor (Normally Closed Door Interlock System)

DOOR REFERENCE KEYPLAN



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PE 50

Double Solid Doors

Ref: DS018



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- > Door Leaf core aluminium honeycomb or rockwool.
- > Fully flush vision panel (size options below).
- > Door Frame solid aluminium extrusion profiled to interlock with adjoining panels by inserting a 30x33mm joint tube profile.
- > Door Frame powder coated to any RAL classic colour & fully welded at corners with no visible mitre joint.
- > Flush Mounting of door interlock controls & components.

Door Characteristics & Performance

- > Door Thickness: 50mm
- > Thickness of coated steel outer face: 0.75mm
- > Maximum frame width (Single Door 1400mm) (Double Door 2500mm) frame height (Single & Double 2630mm)
- > Standard ironmongery includes: Door closer - AssaAbloy DC700 white, Door Hinges - Black nylon surface mounted hinges, Pull Handle - Normbau model 22 stainless steel 300mm long x ø32mm, Push plate - stainless steel 75mm wide x 300mm long, Kick plate - Stainless steel to client requirements, Door base dropseal.

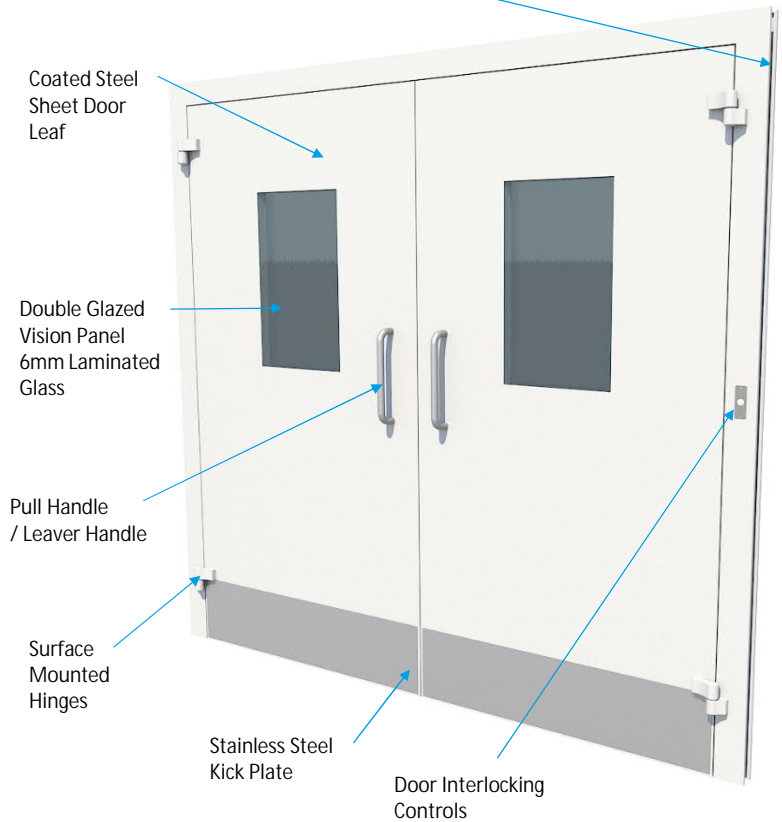
Door Ironmongery Options

Hinges: Aluminium surface mounted 3D adjustable lift off hinge, Stainless Steel lift off hinge.
Door Locks: Flush intergrated maglock with ball contact door position switch, Eurocylinder with key lockcase, Thumbturn with coin lockcase.
Pull & Leaver Handles: Stainless steel offset pull handle 300mm long x ø32mm, Stainless Steel leaver handle 220mm long x ø20mm, Black nylon offset pull handle 300mm long x ø32mm, Black nylon leaver handle 220mm long x ø20mm, Emergency Exit: Exidoor 400 Series.

Door Vision Panel Options

340mm wide x 620mm high double glazed 6mm glass,
600mm wide x 800mm high double glazed 6mm glass,
200mm wide x 1500mm high double glazed 6mm glass,
1 or 2no Vision Panels can be installed in a single leaf.

Door Frame Profiled to Interlock
Flush With PE50 Partition Panel



3D View

Packaging

Doors stacked on a wooden pallet max 5 doors high. Max pallet height: 1500mm, Max pallet width: 1400mm. Max pallet length: 2500mm, Protection to the vertical & horizontal corners of the stack. ISPM 15 certified crafting available on request for US market.

Door Leaf Finish Options

Standard Polyester Powdercoat steel finish to any RAL classic colour, PET coated steel finish to RAL 9010 white only
uPVC coated steel finish to RAL 9016 white, 5002 & 5022 Blue, 6026 & 6021 Green, 2000 Orange, 3005 Red, 9005 Black, 7005, 7023 & 9018. Grey

Note Door Frame Only Available in Polyester Powdercoat Finish to any RAL Classic Colour



Ordering Options

PE50 Door Ordering Numbering System Double Leaf Door

PE50 - DS - A - O - FF1 - LF1 - H1 - V1 - C1 - D1 - K1 - I1 - IL1

Product
PE50 = PE50
Cleanroom Door

Door Type
DS = Double Swing Door

Door Width
A = 2000mm (Outside Frame)
1806mm (Clear Width)
B = 2200mm (Outside Frame)
2006mm (Clear Width)
C = 2400mm (Outside Frame)
2206mm (Clear Width)
D = 2600mm (Outside Frame)
2406mm (Clear Width)

Door Height
0 = 2130mm (Outside Frame)
2003mm (Clear Height)
1 = 2330mm (Outside Frame)
2430mm (Clear Height)
2 = 2530mm (Outside Frame)
2433mm (Clear Height)
3 = 2630mm (Outside Frame)
2533mm (Clear Height)

Door Frame Finish (colour)
FF1 = Polyester Powdercoat To RAL 9010 White (to match PET coated panels)
FF2 = Polyester Powdercoat To RAL 9016 White (to match uPVC coated panels)
FF3 = Polyester Powdercoat To RAL 1018 Zinc Yellow
FF4 = Polyester Powdercoat To RAL 2008 Red Orange
FF5 = Polyester Powdercoat To RAL 3000 Flame Red
FF6 = Polyester Powdercoat To RAL 3020 Traffic Red
FF7 = Polyester Powdercoat To RAL 5015 Sky Blue
FF8 = Polyester Powdercoat To RAL 5017 Traffic Blue
FF9 = Polyester Powdercoat To RAL 6003 Olive Green
FF10 = Polyester Powdercoat To RAL 6018 Yellow Green
FF11 = Polyester Powdercoat To RAL 6037 Pastel Turquoise
FF12 = Polyester Powdercoat To RAL 7021 Black Grey
FF13 = Polyester Powdercoat To RAL 7042 Traffic Grey
FF14 = Polyester Powdercoat To RAL 9005 Jet Black

Door Frame Finish (colour)
LF1 = PET Coated Steel
LF1 = uPVC Coated Steel
FF3 = Polyester Powdercoat To RAL 1018 Zinc Yellow
FF4 = Polyester Powdercoat To RAL 2008 Red Orange
FF5 = Polyester Powdercoat To RAL 3000 Flame Red
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FF11 = Polyester Powdercoat To RAL 6037 Pastel Turquoise
FF12 = Polyester Powdercoat To RAL 7021 Black Grey
FF13 = Polyester Powdercoat To RAL 9005 Jet Black

Door Hinge Type
H1 = Stainless Steel Grade 316L Lift Off Hinge
H2 = White Aluminum 3Way Adjustable Surface Mounted Lift Off Hinge
H3 = Black Nylon Surface Mounted Lift Off Hinge

Vision Panel
V1 = No Vision Panel
V2 = 200mm Wide x 1500mm Long (Part M Compliant)
V3 = 600mm Wide x 800mm Long (Standard Type)
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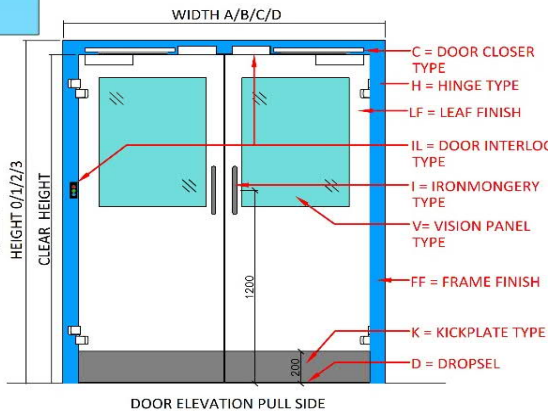
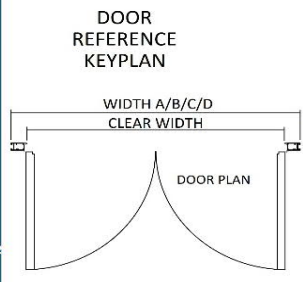
Door Closer (Fitted to pull side)
C1 = None
C2 = Assa Abloy DC 700 Slide Channel White with 90° Stop & Hold Open
C3 = Dorma TS93 Slide Channel White with 90° Stop & Hold Open
C4 = Geze TS5000 Slide Channel White with 90° Stop & Hold Open

Door Dropseal To Base of Door
D1 = None
D2 = Adjustable Dropseal

Door Kickplate
K1 = None
K2 = Stainless Steel Grade 316L 200mm High Push Side Only
K3 = Stainless Steel Grade 316L 200mm High Pull Side Only
K4 = Stainless Steel Grade 316L 200mm High Push & Pull Side
K5 = Stainless Steel Grade 316L 500mm High Push Side Only
K6 = Stainless Steel Grade 316L 500mm High Pull Side Only
K7 = Stainless Steel Grade 316L 500mm High Push & Pull Side
K8 = Stainless Steel Grade 316L 850mm High Push Side Only
K9 = Stainless Steel Grade 316L 850mm High Pull Side Only
K10 = Stainless Steel Grade 316L 850mm High Push & Pull Side

Door Ironmongery
I1 = None (reinforcement provided for client ironmongery)
I2 = Grade 316L Stainless Steel Straight Pull Handle 300mm Long Ø22mm & Grade 316L Stainless Steel Push Plate 350mm Long x 75mm Wide
I3 = Grade 316L Stainless Steel Straight Pull Handle 300mm Long Ø22mm To Both Sides Of Door
I4 = Grade 316L Stainless Offset Pull Handle 300mm Long Ø32mm & Grade 316L Stainless Steel Push Plate 350mm Long x 75mm Wide
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Door Interlocking
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