

PE 50

Single Glazed Doors

Ref: DS032

Cleanroom single or double glazed doorset's comprised of:

- > Door Leaf **toughened glass clear.**
- > Door Frame **solid aluminium extrusion** profiled to interlock with adjoining PE 50 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 toughened glass leaf: 10mm
- > Maximum frame width (Single Door 1200mm) (Double Door 2500mm) frame height (Single & Double 2600mm)
- > Standard ironmongery includes: **Door closer** - AssaAbloy DC700 white, **Door Hinges** - AssaAbloy Serrures 4309 series glass surface mounted hinges, **Pull Handle** - Normbau model 22 stainless steel 300mm long x ø19mm to push & pull side, Door base wipeseal.

Door Ironmongery Options

Hinges: Biloba 8010 self closing glass hinge with hold open.

Door Locks: Flush integrated Dorma EM 1800 AM integrated maglock with effeff 10405 ball contact switch. AssaAbloy Serrures 4301 lever handle & latch bolt or 4306 lever handle & latch bolt with key cylinder.

Pull & Lever Handles: Normbau Model 23 stainless steel offset pull handle 300mm long x ø19mm, Normbau STG 82 black nylon offset pull handle 300mm long x ø19mm.

Door Leaf Glass Options

10mm thick toughened glass leaf tinted to colour choice, 10mm thick toughened glass leaf frosted.

Door Leaf Glass Finish Options

Surface applied circular or square frosted glazing manifestations, Surface applied yellow low UV yellow transmittance film. Surface applied glass decals to clients design and requirements.

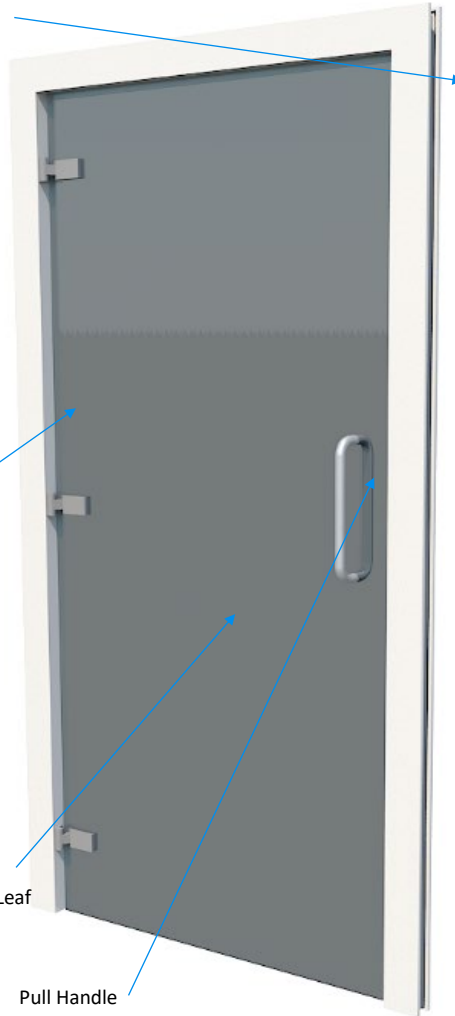
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Door Frame Profiled to Interlock Flush With Partition Panel

Surface Mounted Glazing Hinges

Toughened Glass Door Leaf

Pull Handle



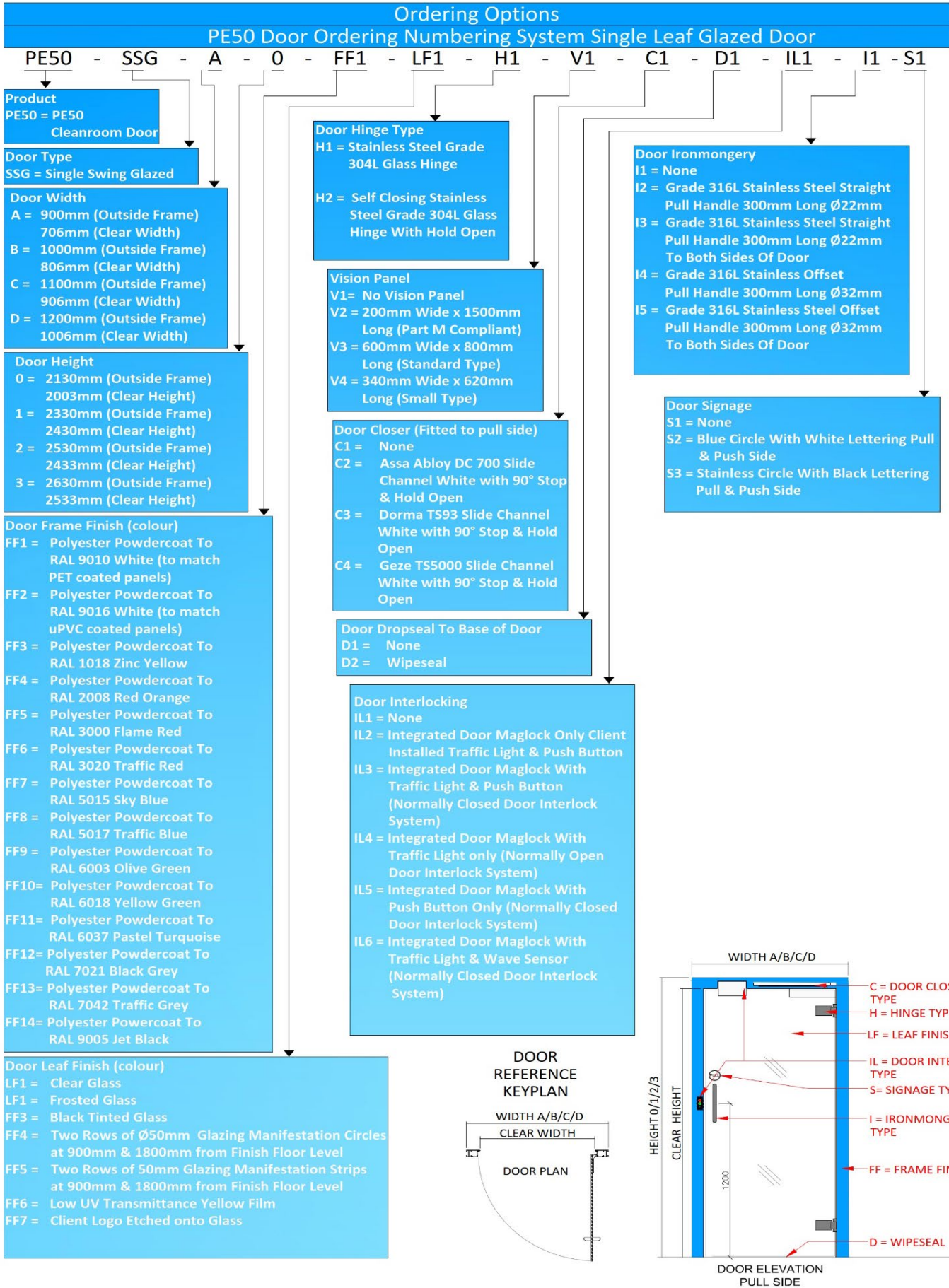
3D View

Packaging

Doors stacked on a wooden pallet max 5 doors high
Max pallet height: 1500mm, Max pallet width: 1200mm
Max pallet length: 2200mm, Protection to the vertical & horizontal corners of the stack.

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





All information provided in this document is subject to legal disclaimers. It is the sole responsibility of the purchaser to determine the suitability of materials, products and components, in order to ensure that the final end-use product is safe for its end use; performs or functions as intended; and complies with all applicable legal and regulatory requirements.

PE 50 Double Glazed Doors

Ref: DS032



Cleanroom single or double glazed doorset's comprised of:

- > Door Leaf **toughened glass clear.**
- > Door Frame **solid aluminium extrusion** profiled to interlock with adjoining PE 50 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 toughened glass leaf: 10mm
- > Maximum frame width (Single Door 1200mm) (Double Door 2500mm) frame height (Single & Double 2600mm)
- > Standard ironmongery includes: **Door closer** - AssaAbloy DC700 white, **Door Hinges** - AssaAbloy Serrures 4309 series glass surface mounted hinges, **Pull Handle** - Normbau model 22 stainless steel 300mm long x ø19mm to push & pull side, Door base wipe seal.

Door Ironmongery Options

Hinges: Biloba 8010 self closing glass hinge with hold open.
Door Locks: Flush integrated Dorma EM 1800 AM integrated maglock with effeff 10405 ball contact switch. AssaAbloy Serrures 4301 lever handle & latch bolt or 4306 leaver handle & latch bolt with key cylinder.
Pull & Lever Handles: Normbau Model 23 stainless steel offset pull handle 300mm long x ø19mm, Normbau STG 82 black nylon offset pull handle 300mm long x ø19mm.

Door Leaf Glass Options

10mm thick toughened glass leaf tinted to colour choice, 10mm thick toughened glass leaf frosted.

Door Leaf Glass Finish Options

Surface applied circular or square frosted glazing manifestations,
 Surface applied yellow low UV yellow transmittance film.
 Surface applied glass decals to clients design and requirements.

Door Frame Profiled to Interlock Flush With Partition Panel

Surface Mounted Glazing Hinges

Toughened Glass Door Leaf

Pull Handle

3D View

Packaging

Doors stacked on a wooden pallet max 5 doors high
 Max pallet height: 1500mm, Max pallet width: 1200mm
 Max pallet length: 2200mm, Protection to the vertical & horizontal corners of the stack.

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



Ordering Options

PE50 Door Ordering Numbering System Double Leaf Glazed Door

PE50 - SSG - A - 0 - FF1 - LF1 - H1 - V1 - C1 - D1 - IL1 - I1 - S1

Product
PE50 = PE50
Cleanroom Door

Door Type
SSG = Single Swing Glazed

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 Leaf Finish (colour)
LF1 = Clear Glass
LF2 = Frosted Glass
FF3 = Black Tinted Glass
FF4 = Two Rows of Ø50mm Glazing Manifestation Circles at 900mm & 1800mm from Finish Floor Level
FF5 = Two Rows of 50mm Glazing Manifestation Strips at 900mm & 1800mm from Finish Floor Level
FF6 = Low UV Transmittance Yellow Film
FF7 = Client Logo Etched onto Glass

Door Hinge Type
H1 = Stainless Steel Grade 304L Glass Hinge
H2 = Self Closing Stainless Steel Grade 304L Glass Hinge With Hold Open

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

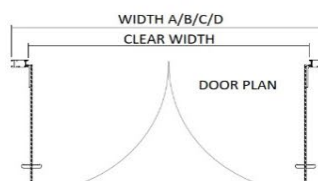
Door Dropseal To Base of Door
D1 = None
D2 = Wipeseal

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 Ironmongery
I1 = None
I2 = Grade 316L Stainless Steel Straight Pull Handle 300mm Long Ø22mm
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
I5 = Grade 316L Stainless Steel Offset Pull Handle 300mm Long Ø32mm To Both Sides Of Door

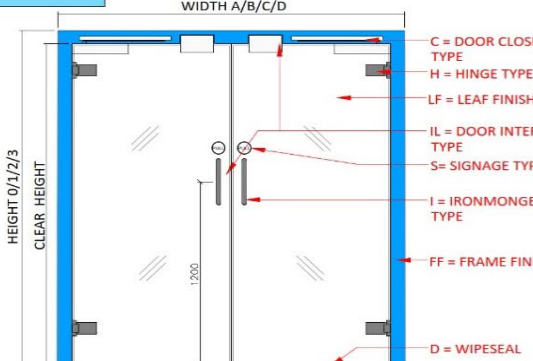
Door Signage
S1 = None
S2 = Blue Circle With White Lettering Pull & Push Side
S3 = Stainless Circle With Black Lettering Pull & Push Side

DOOR REFERENCE KEYPLAN



WIDTH A/B/C/D
CLEAR WIDTH
DOOR PLAN

DOOR ELEVATION PULL SIDE



HEIGHT 0/1/2/3
CLEAR HEIGHT
C = DOOR CLOSER TYPE
H = HINGE TYPE
LF = LEAF FINISH
IL = DOOR INTERLOCK TYPE
S = SIGNAGE TYPE
I = IRONMONGERY TYPE
FF = FRAME FINISH
D = WIPESAL

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