

PE 50 Single Glazed System

Ref: DS014

Cleanroom Single Glazed Partition comprised of:

- > Single 12mm Toughened glass pane with various surface finishes.
- > Sitting inside a profiled aluminium glazing frame to four edges with snap on cover to allow glass replacement.
- > Clear silicone seal to glass edges at frame and between glass joints.
- > Glazing frame edges profiled to interlock with adjoining panels by inserting a 30x33mm joint tube profile.
- > Panel sits on a recessed base track 100mm high.

System Characteristics & Performance

- > Glazing frame thickness: 50mm
- > Thickness of glass pane: 12mm
- > Weight: 20kg/m²
- > Fire Classification: A2-s1-d0
- > Maximum Panel Height: 3000mm
- Standard Panel Width: 1200mm (fully customisable)
- > Maximum room temperature to one or both sides of vision panel 60°C (the difference between both sides of

Glass Finish Options

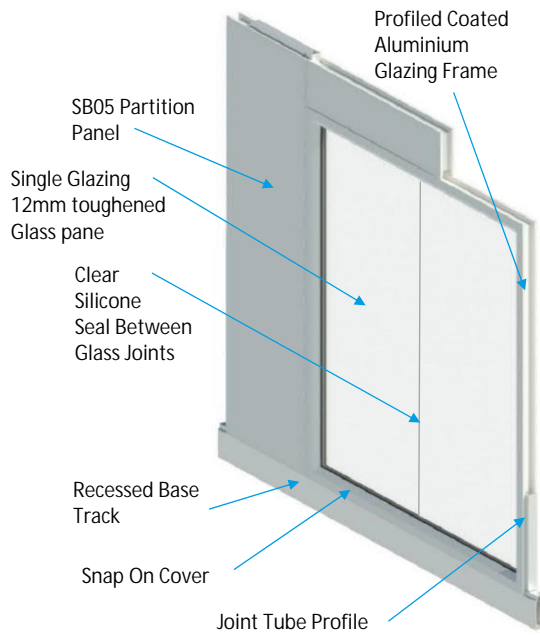
Glass Surface Finish Options

- > 12mm Toughened Glass (clear)
- > 12mm Toughened Glass (frosted)
- > 12mm Toughened Glass (tinted to colour requirements)
- > 12mm Toughened Glass (with yellow low UV yellow transmittance film)
- > 12mm Toughened Glass (with glazing manifestation) or printed graphics to clients design request

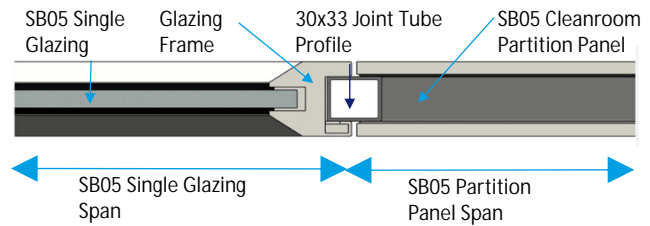
Glazing Frame Options

Colour Options

- > Glazing frame can be powdercoated to any RAL classic colour.



3D View



Section View

Packaging

Panels stacked on a wooden pallet max 15 panels high. Max pallet height: 1800mm, Max pallet width: 1400mm. Max pallet length: 3000mm, Protection to the vertical & horizontal corners of the stack. ISPM 15 certified crafting available on request for US market.

Note: For special surface treatments or non standard panel size please contact us.



Ordering Options

Single Glazing With White RAL 9010 Border (To Match PET Coated Partition Panels)

Panel Size	Glass Finish	12mm Toughened Glass Clear	12mm Toughened Glass Frosted	12mm Toughened Glass Black Tinted
Order Code				
2000 x 1000		GS_PE50_S_9010-TGC-2000-1000	GS_PE50_S_9010-TGF-2000-1000	GS_PE50_S_9010-TGB-2000-1000
2000 x 2000		GS_PE50_S_9010-TGC-2000-2000	GS_PE50_S_9010-TGF-2000-2000	GS_PE50_S_9010-TGB-2000-2000
2000 x 3000		GS_PE50_S_9010-TGC-2000-3000	GS_PE50_S_9010-TGF-2000-3000	GS_PE50_S_9010-TGB-2000-3000
2000 x 4000		GS_PE50_S_9010-TGC-2000-4000	GS_PE50_S_9010-TGF-2000-4000	GS_PE50_S_9010-TGB-2000-4000
2000 x 5000		GS_PE50_S_9010-TGC-2000-5000	GS_PE50_S_9010-TGF-2000-5000	GS_PE50_S_9010-TGB-2000-5000
2500 x 1000		GS_PE50_S_9010-TGC-2500-1000	GS_PE50_S_9010-TGF-2500-1000	GS_PE50_S_9010-TGB-2500-1000
2500 x 2000		GS_PE50_S_9010-TGC-2500-2000	GS_PE50_S_9010-TGF-2500-2000	GS_PE50_S_9010-TGB-2500-2000
2500 x 3000		GS_PE50_S_9010-TGC-2500-3000	GS_PE50_S_9010-TGF-2500-3000	GS_PE50_S_9010-TGB-2500-3000
2500 x 4000		GS_PE50_S_9010-TGC-2500-4000	GS_PE50_S_9010-TGF-2500-4000	GS_PE50_S_9010-TGB-2500-4000
2500 x 5000		GS_PE50_S_9010-TGC-2500-5000	GS_PE50_S_9010-TGF-2500-5000	GS_PE50_S_9010-TGB-2500-5000
3000 x 1000		GS_PE50_S_9010-TGC-3000-1000	GS_PE50_S_9010-TGF-3000-1000	GS_PE50_S_9010-TGB-3000-1000
3000 x 2000		GS_PE50_S_9010-TGC-3000-2000	GS_PE50_S_9010-TGF-3000-2000	GS_PE50_S_9010-TGB-3000-2000
3000 x 3000		GS_PE50_S_9010-TGC-30500-3000	GS_PE50_S_9010-TGF-30500-3000	GS_PE50_S_9010-TGB-30500-3000
3000 x 4000		GS_PE50_S_9010-TGC-3000-4000	GS_PE50_S_9010-TGF-3000-4000	GS_PE50_S_9010-TGB-3000-4000
3000 x 5000		GS_PE50_S_9010-TGC-3000-5000	GS_PE50_S_9010-TGF-3000-5000	GS_PE50_S_9010-TGB-3000-5000

Single Glazing With White RAL 9016 Border (To Match uPVC Coated Partition Panels)

Panel Size	Glass Finish	12mm Toughened Glass Clear	12mm Toughened Glass Frosted	12mm Toughened Glass Black Tinted
Order Code				
2000 x 1000		GS_PE50_S_9016-TGC-2000-1000	GS_PE50_S_9016-TGF-2000-1000	GS_PE50_S_9016-TGB-2000-1000
2000 x 2000		GS_PE50_S_9016-TGC-2000-2000	GS_PE50_S_9016-TGF-2000-2000	GS_PE50_S_9016-TGB-2000-2000
2000 x 3000		GS_PE50_S_9016-TGC-2000-3000	GS_PE50_S_9016-TGF-2000-3000	GS_PE50_S_9016-TGB-2000-3000
2000 x 4000		GS_PE50_S_9016-TGC-2000-4000	GS_PE50_S_9016-TGF-2000-4000	GS_PE50_S_9016-TGB-2000-4000
2000 x 5000		GS_PE50_S_9016-TGC-2000-5000	GS_PE50_S_9016-TGF-2000-5000	GS_PE50_S_9016-TGB-2000-5000
2500 x 1000		GS_PE50_S_9016-TGC-2500-1000	GS_PE50_S_9016-TGF-2500-1000	GS_PE50_S_9016-TGB-2500-1000
2500 x 2000		GS_PE50_S_9016-TGC-2500-2000	GS_PE50_S_9016-TGF-2500-2000	GS_PE50_S_9016-TGB-2500-2000
2500 x 3000		GS_PE50_S_9016-TGC-2500-3000	GS_PE50_S_9016-TGF-2500-3000	GS_PE50_S_9016-TGB-2500-3000
2500 x 4000		GS_PE50_S_9016-TGC-2500-4000	GS_PE50_S_9016-TGF-2500-4000	GS_PE50_S_9016-TGB-2500-4000
2500 x 5000		GS_PE50_S_9016-TGC-2500-5000	GS_PE50_S_9016-TGF-2500-5000	GS_PE50_S_9016-TGB-2500-5000
3000 x 1000		GS_PE50_S_9016-TGC-3000-1000	GS_PE50_S_9016-TGF-3000-1000	GS_PE50_S_9016-TGB-3000-1000
3000 x 2000		GS_PE50_S_9016-TGC-3000-2000	GS_PE50_S_9016-TGF-3000-2000	GS_PE50_S_9016-TGB-3000-2000
3000 x 3000		GS_PE50_S_9016-TGC-30500-3000	GS_PE50_S_9016-TGF-30500-3000	GS_PE50_S_9016-TGB-30500-3000
3000 x 4000		GS_PE50_S_9016-TGC-3000-4000	GS_PE50_S_9016-TGF-3000-4000	GS_PE50_S_9016-TGB-3000-4000
3000 x 5000		GS_PE50_S_9016-TGC-3000-5000	GS_PE50_S_9016-TGF-3000-5000	GS_PE50_S_9016-TGB-3000-5000

For Special Sizes or Special Glass Requirements Please Contact Us.

Note: 30x33 Joint Tube Profile, Corner Coving & Recessed Basetrack Sold Separately.

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.

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