



*aluglass*®

*bautech*

*Engineering QUIET since 1973*

# GF Serene

re-mountable office  
acoustic partition



GF Serene @ Accenture Offices Waterfall Park

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# Introduction



- The ideal acoustic demountable glass partitions system, to create quiet office spaces within open plan applications. Quick and easy to install, remove and re-install with modular glass elements and flexible frame components.
- The GF Serene Range integrates directly with the
  - Aluglass Bautech Varikust® VK62 acoustic doors and
  - Variflex® VX83 mobile acoustic walls.
- 180 deg glass to glass joints
- Options available:
  - GF Serene 35 – 35dB – max height: 3100mm
  - GF Serene 45 – 45dB – max height: 3400mm
  - GF Serene 50 – 47dB – max height: 3600mm



GF Serene @  
Allen & Overy

# Introduction cont.



- In ceiling and floor space insulation treatments available.
- Decorative treatment of the glass possible.
- Framing system can accommodate cable installations if required.
- Glass panels slide into place with a roll-in gasket at the top and bottom
- Angles and 90° corners are possible but are not preferred, as reuse becomes more challenging.
- The system can accommodate clear heights (floor to u/s ceiling) of up to 3m with the door height maximum being 2.6m.
- Single (clear width up to 900mm) and double doors (clear width up to 1600mm) with or without retractable threshold seals available.



GF Serene @  
Standard Charter

# Acoustic selection table



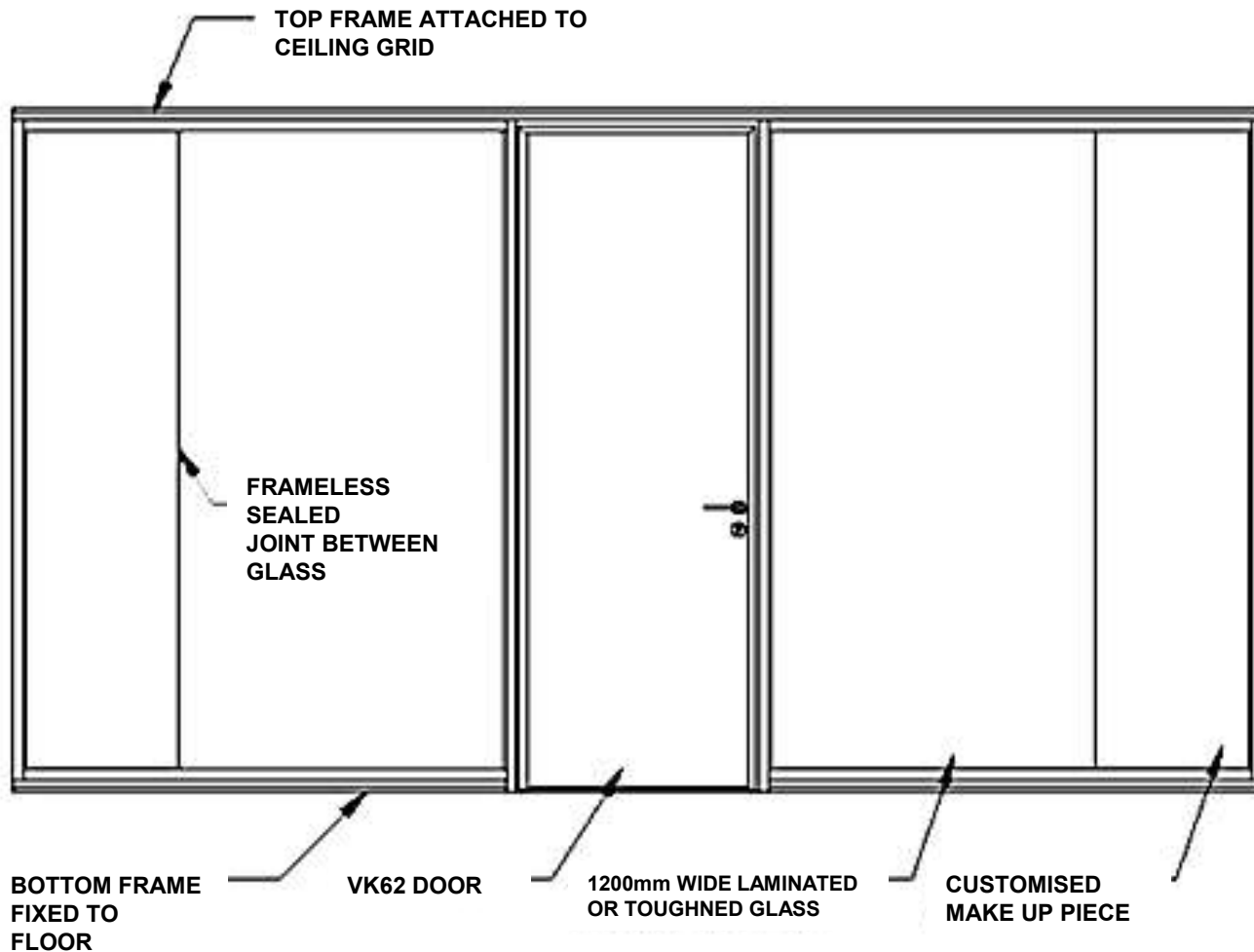
		Room 1				
		<i>louder</i>				
Room 2	Activity	Meeting 50dB (BN) 75dB (Peak)	Discussion 50dB (BN) 80dB (Peak)	Conference 50dB (BN) 85dB (Peak)	Audiovisual (AV) presentation 50dB (BN) 90dB (Peak)	Studio Recording 35dB (BN) 85dB (Peak)
<i>louder</i>	Meeting	40dB	45dB	49dB	≥ 49dB	52dB
	Discussion	45dB	45dB	49dB	≥ 49dB	52dB
	Conference	49dB	49dB	49dB	≥ 49dB	n/a
	AV presentation	≥ 49dB	≥ 49dB	≥ 49dB	45dB	55dB
	Studio recording	52dB	52dB	n/a	55dB	55dB



# GF Serene 50 @ BP Oxford



# GF Serene details



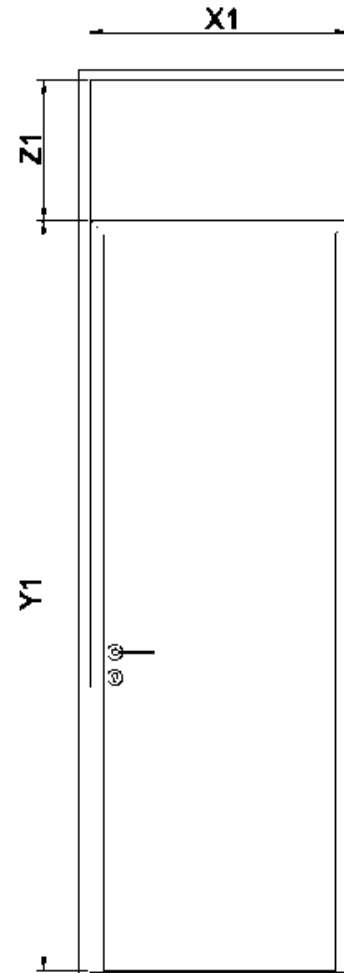
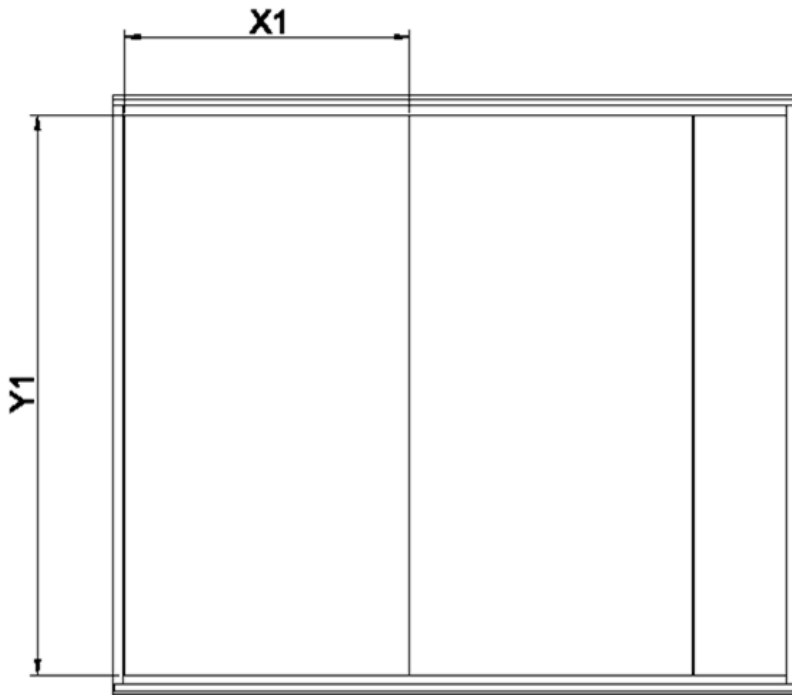


# Maximum and minimum



Maximum glass width (X1): 1200mm

Maximum glass height (Y1): 3000mm



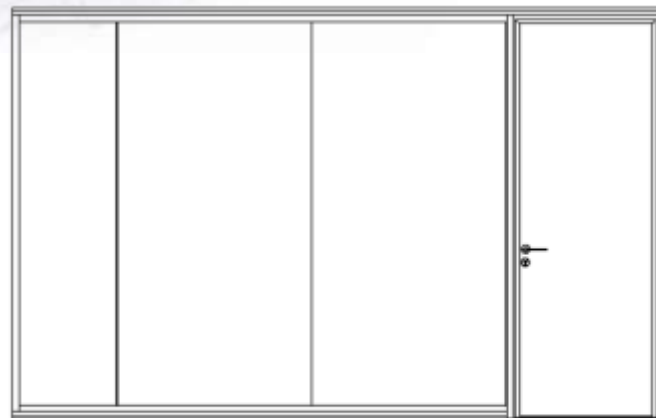
Maximum door  
width(X1): 900mm

Maximum double  
door width: 1600mm

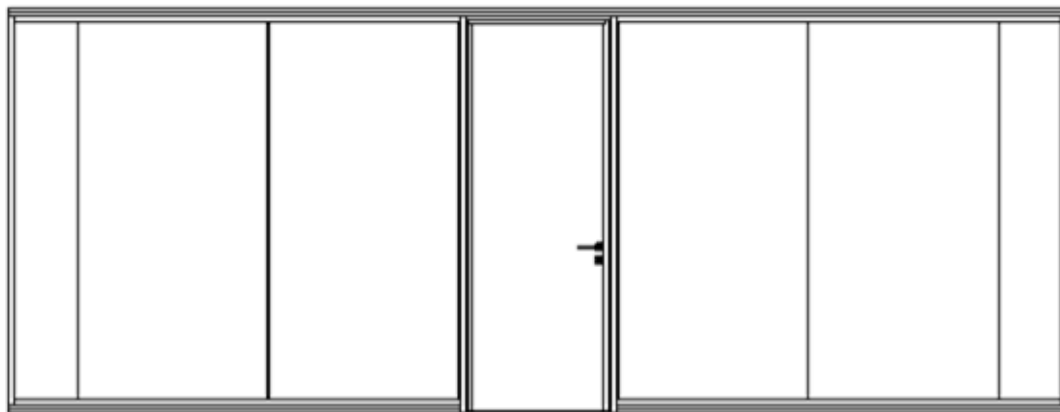
Maximum single door  
height (Y1): 2600mm

Minimum panel  
height (Z1): 400mm

# Typical configurations



Glass panels can be put on one or both sides of the Varikust® VK 62 door.



The GF Serene range integrates directly with the Varikust® VK62 acoustic door and Variflex® VX83 mobile acoustic walls.

# GF Serene @ Liberty Office



# GF Serene specific



SYSTEM	GF SERENE 35	GF SERENE 45	GF SERENE 50
GLAZING OPTION	12mm TSG	22.76mm acoustic laminate	27.52mm acoustic laminate
GLASS TO GLASS JOINTS	CLEAR VHB TAPE 2mm	CLEAR VHB TAPE 2mm	CLEAR VHB TAPE 2mm
GLASS TO STRUCTURE JOINTS	SILICONE	SILICONE	SILICONE
TRACK COVERS	16mm Melamine/ HPL Faced, Moisture Resistant Board	16mm Melamine/ HPL Faced, Moisture Resistant Board	12mm Melamine/ HPL Faced, Moisture Resistant Board with Limp Mass Backing
ACOUSTIC RATING [dB] - DnT,w(C,C <sub>TR</sub> )	33(1;-7)	43(1;-5)	still to be tested - with 25.52mm acoustic laminate we achieved 47(-1,-4)
STRUCTURAL DEFLECTIONS	up to 20mm	up to 20mm	up to 20mm
DOOR TYPE	VK62 - 35 VKG62 - 35	VK62 - 43 VKG62 - 43	VKG43 - 47
MAX HEIGHT - SANS 10137 (mm)	3100	3400	3600
MANIFESTATIONS	by others	by others	by others



# Finishes



- Glass (various thickness for various dB ratings)
- Decorative treatments such as sandblasting and decal applications of or on the glass are possible!
- Solid panels finished with wallpaper and painted by others
- **Aluminum extrusions** are available in standard colours: natural or bronze anodized, white powder coated. Other colours available on request.
- **Door surface finishes:** glass; real wood veneers (Beech, Cherry, Etimoe, Kiaat, Mahogany, Maple, Oak, Rosewood, Walnut, Wenge (stains, waxes and oils can also be applied); or other melawood finishes.



# Applications



GF Serene @ Deutsche Bank



- Open plan offices
- Office partitioning
- Conference and Meeting rooms
- Hotels
- Telephone booths for confidential discussions
- Residential acoustic room partitioning

# Sound Test video @ BP Oxford Place



# Projects to be proud



**GF Serene & Varikust® @ Accenture Office Waterfall Park**





**GF Serene & Varikust® @ Allen & Overy Sandton**



**GF Serene & Varikust® @ BP SA Oxford Place**



**GF Serene & Varikust® @ Liberty Offices Bruma**





**GF Serene and Varikust® @ AECOM**





**Absorption Panels, GF Serene and Varikust® @ Deutsche Bank**



**GF Serene, Varikust® and Variflex® @ Accenture Office Waterfall Park**





**GF Serene & Varikust® @ JP Morgan**

Other product projects  
be proud of...



**Varikust® @ Sky Rink Studios Johannesburg**





**Variflex® @ Merck**



**Flush Glazed Curtain Walls @ Nelson Mandela Square**





**Variflex® Glass @ Am Weinberg Namibia**



**Variflex® @ DIRCO**





**Frameless Glass Entrance Doors and Canopy Glass @ Nelson Mandela Square**



**12m high Variflex® @ Cape Town Film Studios**





**Glassflex® windows @ Sandton Sun**



**Varikust® FIRE Doors @ University of Johannesburg**





**Showerflex® @ Windhoek Country Club Namibia**