

Interior Glass & Acoustics



translucent acoustic



About our

Frameless Products

Glass has been a fascinating material to humankind since it was first made around 3500BC. It has become the most versatile and one of the oldest manufactured materials in the building industry.

Focusing on the interior industry, frameless glass comes in many different forms. Glass offices and doors, both hinged and sliding. Frameless showers, tables, white boards and decorative wall cladding. Our flagship product being SiDiO.

Made by melting sand, silica, sodium oxide, sodium carbonate and calcium oxide at extreme temperature to the desired shape, as glass, so too has the SiDiO brand been molded and shaped. And therefore aptly named after the main ingredient in glass, **Si**licon **Di**Oxide.

It is manufactured off-site but erected on site, able to accommodate floor level variance and tolerate cases of slab to slab deflection.



System Detail:

SiDiO 1 is a single glazed demountable system with various design or construction options. It is a system made up of various aluminium extrusions, custom glass pane constructions and polycarbonate direction changes.

Aluminium Profile

The aluminium profiles clip together using plastic inserts, spaced randomly. The aluminium can be either natural anodised or powder coated to the required specification.

There are 16 profiles making up the system, ceiling and floor tracks, wall, end terminations and door frames.

Doors

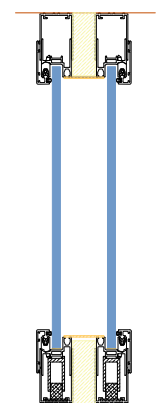
The Hinge door system incorporates a rebated door frame, and an acoustic door seal around three sides. The sliding door frame incorporates a woolpile soft seal.

SiDiO 1 Door options:

- * Full or Standard height, with a glass infill above.
- * Frameless hinged door.
- * Frameless sliding door.
- * Timber hinged door.

Double Glazed Door options:

- * Pyrocoust Timber hinged door, with bottom drop seal.



SiDiO 1

Installations



Top: Huawei offices, SiDiO 1 sliding door installation.

Right: Gautrain Midrand offices, SiDiO 1 hinged door installation.





Top Left: Mace meeting Room.



Top Middle: Eutelsat, multiple junctions.



Bottom Left: Glass Fish Bowl.

Bottom Right: Goldfields offices.



Double Glazed

The double glazed SiDiO system is based on the construction of the single glazed system, combining a 10mm and 12mm glazed construction with a customizable air gap. The air gap created directly influences the acoustic values of the system.

Doors

Due to the high DB rating required, a solid timber Pyrocoust door is integrated into the system.

* Electric Blinds can be installed as an added feature.



Top: Allen and Overy,
Double Glazing.

Right: Liberty, Stonemill.

Frameless Options

TA Walling are SAGGA accredited. With a number of different sliding door options and styles available, we can offer many variations of single or double internal sliders, manual, automated solutions. Similarly offering a number of hinged and patch fitting door solutions.



Left: Discovery Store, patch fitting doors with a glass toplight.

Middle Left: Segmented frameless glass, with patch fitting doors.

Middle Right: ACSA, frameless automatic doors with sidelights.

Right Top: Double patch fitting doors.

Right Middle: Frameless folding stacking doors.

Right Bottom: Alpha Wealth, Agile sliding system.



Decorative Glass

TA Walling are willing to work together with designers to achieve a unique, and functional look and feel. Decorative glass is certainly a strong and appealing graphic application to any environment.

Top Left: Menlyn Mall, Graphic glass inlays.

Top Right: Forrest Walk, Graphic bathroom glass backsplash.



Left: Samsung Head Office. Shaped and angled glass with vinyl.



Bottom Left: Samsung Head Office, Bathroom entrance.

Bottom Right: Menlyn Mall, Mothers room digital print glass.

Contact Us:

TA Walling Solutions proudly bring new perspective to the specialist interior industry. Focusing on architectural acoustic treatments and glass installations, with a zero limit approach to design capability, collaboration and installation.

Based in Northern Johannesburg, with over two decades of collective industry experience, TA Walling Solutions have successfully researched and developed practical and efficient solutions for the architectural and design sector.

Our goal is to create workable, efficient and productive working environments in partnership with Architects and Designers, with solutions that offer end users a cost effective way to increase staff comfort, enhance performance and improve results.

With highly experienced in-house installation teams give peace of mind by meeting not only quality and efficiency requirements but trustworthy workmanship that can be relied on.

We pride ourselves in building long lasting transparent and meaningful relationships with our customers.



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