T Wall
- introducing T Wall 4
- design concepts 8

partitions
- glazed 12
- Function Wall 14
- Store Wall 16
- partial/full height 20

doors
- frameless glass 26
- hinged 30

technical detail
- cable reticulation 34
- wall junctions 36
- component overview 38

additional info
- environment 40
- guarantees 42
We operate in an ever-evolving commercial world, where the boundaries associated with how we work are constantly under review. Flexibility is crucial in any office environment. The ability to change the boundaries of our offices easily, with minimal disruption is now a reality. T Wall provides a flexible partitioning solution that will future-proof your office environment.

More and more organisations are seeing the benefits of open plan office formats and reducing the barriers between office and non-office staff.

With cost-effective frameless sliding glass doors, T Wall creates an open and collaborative environment where management can really be part of the team, yet still have the ability to create a private environment when required.

T Wall can be applied to meet the needs of your organisation with high levels of design flexibility, within the context of a fully resolved partitioning suite.
introducing T Wall
Open Plan For Offices

T Wall conveys a sense of openness through the extensive use of glass with a minimum number of posts. Large format, frameless sliding glass doors allow office staff to minimise the barriers between them and open plan staff.

Cost-Effectiveness

Traditionally frameless glass systems have been very expensive and relied on structural support from the ceiling above. T Wall eliminates the need for this through the introduction of a structural transom, allowing greater modularity and significant cost savings.

Demountable & Reusable

T Wall can be relocated many times over the product’s life, with minimal on-site disruption. Concealed post extensions allow for variances in ceiling height between relocated positions. Not only does this add value for the client, but also aligns with Aspect’s goals of reduced environmental impact through encouraging re-use.

Fast Installation

Innovative clipping and jointing details make T Wall fast and easy to assemble on site, minimising disruption during installation.

Space Efficiency & Dual Functionality

Integrated Store Wall and Function Wall create exceptional utilisation of space, save money and provide a more streamlined aesthetic.

Partial Height Options

T Wall performs equally well in a partial height environment. In most configurations, the structure above the height of the transom is cosmetic only, and can be removed to create partial height officing. During reconfiguration this avoids the need to alter air conditioning and fire sprinkler systems.

Integration With Fixed Walls & Other Partition Suites

T Wall integrates easily with steel stud wall systems and other partitioning suites.

Acoustic Performance

T Wall is sound insulated with acoustic seals to all integrated components and brushes to sliding door mechanisms.

Architectural Negative Details

All external edges to walls and ceilings are finished with an 8mm negative detail.
T Wall is principally designed as a visually light partitioning system, with widespread utilisation of glazing to promote transparency. However, this does not limit the designer and in fact T Wall readily adapts to a broad number of infill possibilities. Alternative finishes to glass can be handled in one of two ways:

- **Glazing Mount** - Any material that can fit into a 16mm groove can be mounted in the glazing profile of T Wall.
- **Function Wall Mount** - Panel type products can be mounted over the face of the T Wall posts (with negative detailing).

Examples of partition finish options that can be applied in one or both of the above systems are:

- Acrylic and polycarbonate sheeting products
- Low or high pressure laminates
- Painted or Powdercoated panels
- Timber veneer or slatted solid timber
- Pinnable or magnetic fabric panels
- Whiteboards

These panel finishes can be specified to full sections of wall, or just to a small segment, with the ability to tile the wall both vertically and horizontally.
partitions
As well as propagating natural light through an office environment, glazed partitions provide an optimal balance between privacy and inclusiveness for officed staff.

T Wall creates long, uninterrupted glass sections without the need for intermediate posts creating a clean and streamlined aesthetic.

The glazing track has a continuous 16mm rebate throughout allowing a wide number of alternatives to glass to be utilised as infill sections.

Examples include SatinIce acrylic, solid timber slats, textured glass or other feature finishes.

The level of privacy provided by glazed partitions can be altered through the application of coloured and frosted film. This also provides a high level of control over the visual "branding" of the space.

In addition to glass, any substrate that can fit a 16mm groove can be utilised in the glazing channels.

For example:
- Acrylic and polycarbonate sheeting products
- Low or high pressure laminates
- Painted or Powdercoated panels
- Timber veneer or slatted solid timber
- Pinnable or magnetic fabric panels
- Whiteboards

Examples include SatinIce acrylic, solid timber slats, textured glass or other feature finishes.
Function Wall

Function Wall is a system of clip-on panels that integrate with T Wall, typically used where increased privacy or additional functionality is required. Function Wall can be tiled to suit requirements with a custom t-edge utility channel typically fitted to the upper edge of the tiles. This houses a wide range of accessories including a full range of polycarbonate components such as paper trays, pen buckets, accessory trays, copy holders as well as heavy duty shelving in steel.

Tiled panels can be provided in client specified finishes, with options such as fabric over steel (magnetic attachment), Melteca and whiteboard. The internal cavity can be filled with acoustic baffle to eliminate sound transfer.

Junctions between panels are finished with an 8mm negative detail to create a contemporary finish. This also enables tiles to be broken up both horizontally and vertically as required, utilising the same or a range of finishes. Acoustic baffle internally, and sound seals to all panel junctions ensures a high level of acoustic performance.
Store Wall modules are positioned on the centre line of the partition effectively “infilling” sections of wall. As well as reducing cost this creates an integrated aesthetic, and saves space by utilising the footprint of the wall itself for storage.

Store Wall modules can be oriented all facing in a single direction, or alternated to face in both directions. Where the back face is presented into an office or open plan space, this can be manufactured with a whiteboard, pinboard or other utility surface.

Full acoustic sealing is used around the perimeter of the Store Wall modules to minimise potential sound transmission.
In most configurations it is not mandatory for partitions to run full height to the ceiling and the section above the transom can remain open. This increases the flexibility of the system, enabling changes to the wall configuration without impacting on services and fire sprinklers, etc. Any partition module can still be used in the partial height environment including Glazing, Function Wall and Store Wall.

A combination of the partition options above ensures a tailored response can be achieved to fit any client requirements - both budgetary and aesthetic. While T Wall presents a wide number of options for partition specification, all are fully integrated and seamlessly mesh into a coherent system.

For low ceiling stud environments (2400-2550mm), the transom can be raised to full height to sit hard against the ceiling grid. This eliminates the need for a glazed infill above transom height, which would be disproportionately small in low stud environments.

Should you need assistance during the design and specification of T Wall partitions, Aspect can help with CAD layouts, 3D rendering, prototyping and more.
T Wall has been designed to make frameless sliding glass doors a cost-effective option that is accessible to a broad market.

Traditional systems incur significant cost, and typically require customised support in the ceiling cavity above which then eliminates the possibility of re-use.

T Wall maximises cost efficiencies through standardising components under the transom height. As well, this enables dismantling and reconfiguration at low cost, and with extremely high levels of re-use.

T Wall can also accommodate a full spectrum of door options, including:
- Hinged Doors - Single or Dual in timber or aluminium framed glass
- Pivot Hinged Doors - Aluminium Framed or Frameless glass

These alternate formats can be applied to meet specific needs within a fitout, such as high acoustic privacy, security doors, etc.
doors
T Wall’s innovative design incorporates a structural transom capable of supporting dual sliding doors with internally housed running gear. This eliminates costly and difficult structural work in the ceiling cavity which is required by alternative frameless sliding systems.

The single or dual frameless sliding glass doors continue the seamless aesthetic and facilitate an inclusive relationship between officed and non-officed staff. Sliding doors are unobtrusive and can be kept open without taking up valuable office space.

Additionally, sliding door openings can be much larger than hinged doors, decreasing barriers between staff.
Hinged doors can be incorporated in T Wall where increased acoustic privacy is required.

Doors can be single or double opening, and partial or full height.

This format can be applied in both timber and aluminium options for security and sound proofing.
technical detail
T Wall provides segregated cable routes through all posts and non-sliding transoms. As well, cable ducts at the base of Function Wall and Store Wall can house power and data outlets and store excess cable.

Power and data faceplates can be mounted to posts or to ducting channels using standard electrical hardware, or alternatively softwiring systems can be mounted into millings in the ducting or Function Wall panels to provide power and data feeds to adjacent workpoints.

Aspect staff are experienced at working through these issues and can advise on the best way of integrating the required power and data reticulation into T Wall.
T Wall can seamlessly integrate with other partitioning suites and gib wall systems. A number of approaches can be implemented depending on the profile of the surface to which T Wall must be fixed.

The wall start profile (which matches the head glaze) can be fixed to the face or end of a gib wall, with a glazed sidelight running from this point. This profile creates a negative detail to the gib wall.

Where the wall adjoining T Wall is non-uniform which often occurs at the perimeter of buildings, a corner post will typically be set off the wall with a glass infill (or similar) custom profiled to fill the gap.

T Wall has been utilised within a wide range of interiors, including heritage buildings, where complex joining is required. Aspect can provide advice and assistance to detail these junctions optimally.
T Wall framing is manufactured in eco-friendly extruded aluminium, with finish options of powdercoated or anodised. Clipping details and junctions have been carefully designed to ensure a precise fit while still enabling easy disassembly for future relocation.

For CAD blocks of typical plan and section views, please contact your local Aspect office.
Aspect Furniture Systems is committed to the design of products that minimise our impact on the environment. This commitment is illustrated through gaining Good Environmental Choice (GECA) certification on our T Wall partitioning and several other key Aspect products.

T Wall exemplifies the best of environmental design through the careful selection of materials, guaranteed durability and most importantly the reusability of the system.

All T Wall components are designed to be disassembled and re-configured over the life of the product. Each time T Wall is re-configured and re-used a disposal and replacement process is eliminated, benefiting the environment.

T Wall is a heavy duty and durable partitioning system, guaranteed by Aspect for 10 years.
guarantees

10 Year Guarantee

a. Aspect Furniture Systems (the Supplier) warrants that without prejudice to any other provision of the Supply Contract, the product will be:

- Free from all defects, whether in design, engineering, workmanship or otherwise;
- In accordance with all laws, good industry practice and all applicable standards;
- Of merchantable quality, new and of good quality and suitable and fit for the purpose of use intended;
- Consistent with the requirements of this contract;
- Designed and manufactured using proven up-to-date good practice and to standards which are consistent with this contract and with the intended use of the product.

b. The Supplier also warrants that it has the right to supply all goods and materials used in the product and that the client will have and enjoy quiet possession of the product, free from any charge or encumbrance.

c. If repair, replacement or modification work to the product is required as a result of any breach by the Supplier of any expressed or implied warranty contained in this contract, then the Supplier shall as soon as reasonably possible, at its own expense, carry out such repair, replacement or modification.

d. Zurich products are designed in reference to NZ and Australian Codes and Standards but the Supplier has no control over usage and it is the sole responsibility of the client to ensure its suitability for intended use.

e. The above warranty shall apply for a maximum term of 10 years with fair wear and tear excepted.

f. In addition to the 10 Year Warranty, Aspect also offers an ‘Extra Care’ programme. This offers at our sole discretion, repair or replacement of product which is clearly defective in manufacture, workmanship or material beyond the warranty date.

15 Year Continuity Of Supply Guarantee

a. All Zurich products are covered by a 15 Year Continuity Of Supply Guarantee providing clients confidence in long term decision making.

b. High locally manufactured content ensures Aspect retains control over supply in the long term, which is reflected in our ability to offer long term Continuity Of Supply.

c. The Aspect Group is totally committed to product, concept and range. This commitment drives heavy investment in tooling and set-up costs, which ensures longevity of the product in the marketplace. This is particularly important for clients requiring long term availability of product to cater for expansion.