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The clear leader in glazed partitioning



*Sound reduction of up to 47 dB (Rw) can be achieved, whilst retaining the spacious, visual simplicity of glass.*

**Tenon Vitragé** is a double or single glazed partition system that combines function with the clear, aesthetic benefits of silicone glazing. Using a minimum number of aluminium framing sections, Vitragé provides an office divide that allows unhindered vision whilst maintaining the privacy of individual offices.

The latest addition to the range is Vitragé (dB), a stylish double glazed system, ideal for applications where acoustic performance is paramount. Sound reduction of up to 47 dB (Rw) can be achieved, whilst retaining the spacious, visual simplicity of glass.

Using either 10/12mm toughened glass or 10.8/12.8mm laminated glass, depending on the height of the partition; glazing is achieved with the use of standard Tenon crystal clear glazing gaskets that remove the need for use of silicone around the perimeter of the system. Vertical silicone joints maintain the visual simplicity of the product, whilst crystal clear plastic jointing sections may be used to provide dry joints between glass panels.

*For more information or advice on this system's performance please contact the Tenon Technical Department.*



#### **Why choose Vitrage partitioning?**

- Frameless glazed partitioning
- Double & single glazed options
- Excellent acoustic performance up to 47 dB (Rw)
- Attractive & stylish design
- Integrates with Tenon 77mm Fire and Sound partitioning
- Full range of manifestation options
- Wide range of profile colours

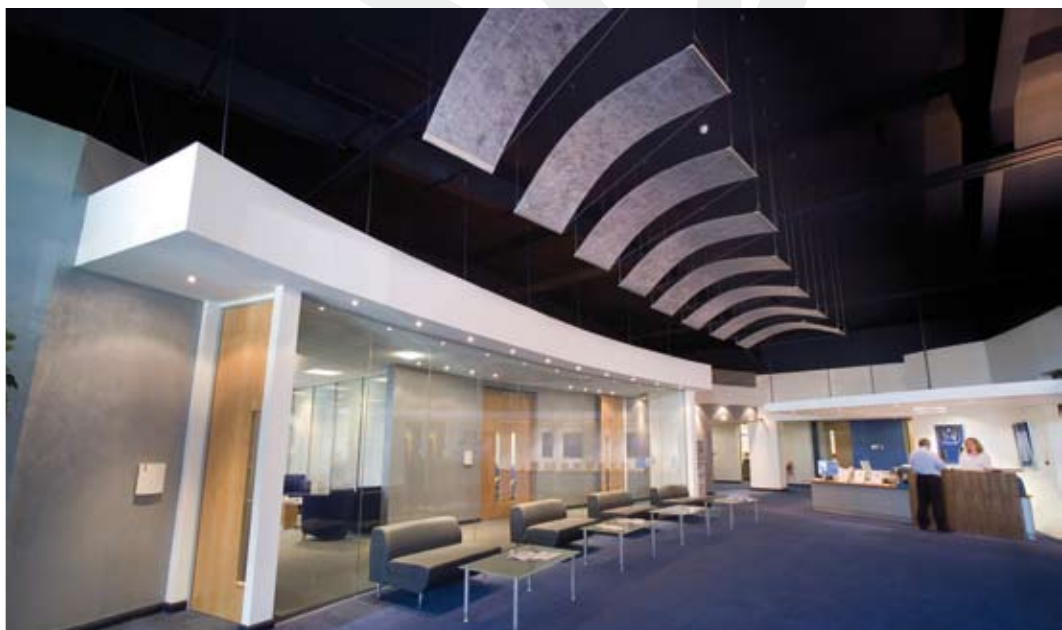
To maintain the open feel of the product, frameless doors or framed glass doors are fitted within the system using floor pivots and patch fittings or floor springs if required. If standard timber veneered doors are required these are accommodated within the Tenon 77mm Fire and Sound range of doorframe profiles, which are fully compatible with Vitrage sections.

Where desired, or in order to comply with building regulations, fully glazed panels may have manifestation films applied to them. These can be used to simply highlight the presence of the partition, create individual designs or incorporate logos. Tenon 77mm Fire and Sound solid walls can be integrated with either single or double glazed Vitrage.

*All profiles are coloured using powder coatings from the Tenon standard colour range listed at the back of this brochure*







*Vitrage (dB) can be integrated with Tenon Fire & Sound 77mm, single glazed Vitrage and solid partitioning. This allows the designer to create the optimum consecutive run of partitioning, which allows various working environments to be created in the minimum of floor space.*

#### **Vitrage (dB) – Double glazed partitioning**

Vitrage (dB) is the latest addition to the Vitrage range, offering the same stylish curves but now as a double glazed system that can provide excellent acoustic performance of up to 47 dB (Rw). The system is designed to create a stylish and modern office environment with the privacy afforded by the double glazed design.

Vitrage (dB) is ideally suited for use with manifestation film; the system keeps its frameless appearance but also provides a feeling of privacy with the unhindered vision of an open office. Manifestation is available in an unlimited amount of designs and colours to complement the theme of the office or the corporate branding of the client. The frame profiles of Vitrage (dB) can also be painted in a variety of standard or non standard colours to allow the partitioning to be tailored to suit individual customer specifications.

The double glazed system uses a two part base which allows easy glazing and speed of installation. Vitrage (dB) is designed to be used with Tenon 77mm Fire and Sound which allows flexibility when designing to project requirements.

*For more information or advice on this system's performance please contact the Tenon Technical Department.*



Gaskets and clear dry joints are used to hold the glazing in position which eliminates unsightly silicone and allows the partitioning to be demountable if required. Acoustic glass can be used to reach the maximum 47 dB (Rw) rating where it is essential to have optimum amount confidentiality or maintain a quiet environment.

Corners and angle joints can be created by using Vitrage clear dry joints; eliminating the need for adhesive tapes or silicone.

Vitrage (dB) can be integrated with Tenon Fire & Sound 77mm, single glazed Vitrage and/or solid partitioning. This allows the designer to create the optimum consecutive run of partitioning, which allows various working environments to be created in the minimum of floor space.

Head channels and door frames have been designed to allow the system to be installed quickly and efficiently.

*To maintain the open feel of the product, frameless doors are fitted within the system using floor pivots and patch fittings or floor springs if required*





*Manifestation is ideal for creating privacy yet still gives the impression of an open office.*

#### **Vitrage – Single glazed partitioning**

Vitrage is also available as a range of single glazed frameless glass partitioning for use where clean lines and an aesthetically pleasing design are essential. The run of partitioning is designed with the minimum amount of framework to give a frameless appearance. The frame work is set out using a head and two part base channel and can be used with either timber or glass doors. Manifestation is ideal for creating privacy yet still gives the impression of an open office.

Vitrage single glazed partitioning can be integrated with Tenon Vitrage (dB) double glazed partitioning, solid partitioning or Tenon 77mm Fire & Sound partitioning. This introduces flexibility to the range allowing the designer to create the desired effect.



### Aluminium framing sections are available in a range of standard colours: -

RAL 5010 Gentian Blue	RAL 9010 Pure White	RAL 5012 Light Blue
RAL 9016 Traffic White	RAL 6005 Moss Green	BS: 00 A 05 Light Grey
RAL 7011 Iron Grey	BS 04 E 53 Geranium Red	RAL 9005 Jet Black
BS 08 B 15 Magnoli	BS 08 B 29 Van Dyke Brown	RAL 9006 Silver

BS4800 and RAL colours which are not included in the above list are also available, subject to additional cost. Please enquire about lead times on specific finish required.

### Acoustic test overview:

Vitrage Single Glazed: Up to 38dB (Rw)

Vitrage (dB) Double Glazed: Up to 47dB (Rw)

### Section Summary:

#### Vitrage - single glazing:

	TV611 – Aluminium head channel/wall abutment section
	TV615 – Aluminium infill/capping section for use with TV611
	TV612 – Vitrage S/G to 77 mm Fire & Sound/Solid conversion post
	TV625 – Two part base section trim for use with TV623 or TV624
	TV623 – Single glazing two part base section use with TV625
	TV614 – Aluminium base angle
	TV620 – Aluminium S/G doorframe post
	TV661 – 2700 x 900 x 10/12mm single door frame pack
	TV662 – 2700 x 1800 x 10/12mm double door frame pack

#### Vitrage (dB) – Double Glazing:

	TV616 – Aluminium D/G head channel/wall abutment section
	TV624 – Double glazing two part base section use with TV625
	TV618 – Aluminium D/G doorframe post
	TV619 – Vitrage D/G to 77 mm Fire & Sound/Solid conversion post
	TV681 – Inner gasket for use with D/G
	TF311 – 77mm Fire & Sound head channel (for use with TV616)

#### Vitrage Accessories - single or double glazing:

	TV881 – Clear wedge gasket for use with 10/10.8mm glass
	TV682 – Clear wedge gasket for use with 12/12.8mm glass
	TV6400 – 180 degree clear dry joint for 10/10.8mm glass
	TV6500 – 180 degree clear dry joint for 12/12.8mm glass
	TV6420 – 90 degree clear dry joint for 10/10.8mm glass
	TV6520 – 90 degree clear dry joint for 12/12.8mm glass
	TV6440 – 135 degree clear dry joint for 10/10.8mm glass
	TV6540 – 135 degree clear dry joint for 12/12.8mm glass
	TV6460 – 90 degree 3 way clear dry joint for 10/10.8mm glass
	TV6560 – 90 degree 3 way clear dry joint for 12/12.8mm glass

**A guide is also available to help with installation. This demonstrates how the sections are fitted together and where/how to fix the sections using the appropriate screws.**