



Solare frameless glazed partitioning at The London Academy

Client:
London Academy, Edgware

Architect:
Foster and Partners

Partitioning Contractor:
Storford Interiors



Solare:

A frameless dry jointed single or double glazed partitioning system with the ability to provide up to 60 minutes fire resistance (integrity and insulation) and up to 49 Rw (dB) sound resistance.



Avanti Systems

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Solare Technical Specification

Description/Construction

General:

A fully glazed, relocatable frameless partitioning system, Solare is constructed using aluminium or hardwood head and base tracks combined with 10mm or 12mm glass. (Thicker glass sizes can be incorporated for specific performance criteria). Normally installed with dry joints using translucent jointing channels, the system can, alternatively, be installed with silicon joints between glazed modules.

Both single and double glazed modules can be constructed and blinds can be incorporated within double glazed modules.

Doors and Frames:

Doors

In addition to timber doors, Solare can be equipped with:

- Eclipse surface mounted sliding doors
- Eclipse Plus integrated sliding doors to fit between double glazing
- Eclipse FDG flush double glazed sound resistant doors
- Fireclear frameless fire rated doors manufactured with Schott's PYRAN® S Glass

Frames

Frames for hinged doors can be aluminium or hardwood and can accommodate cellular or solid core doors 44mm thick in varying sizes. Fully glazed hinged non fire resistant or fire rated (Fireclear) and sliding (Eclipse) doors are also available

Finishes:

Aluminium

Standard finishes are satin anodised or powder coated in:

- White (RAL9010)
- Grey (BS00A05)
- Silver (RAL 9006)

Other RAL or BS finishes are available on request.

Glass

Manifestation to suit client, Health and Safety and DDA requirements

Performance:

Fire Resistance

Up to 60 minutes Integrity and insulation depending on construction in accordance with BS476 Part 22

Sound Resistance – Partition

Single Glazed:

Up to 41 Rw(dB) depending on construction

Double Glazed:

Up to 49db Rw(dB) depending on construction

Strength and Stability

Medium Duty in accordance with BS5234, part 2: 1992 (internal non-load bearing partitions)

Dimensions:

Thickness

From 25mm to 125mm depending on construction and performance requirements

Heights

Up to: 2700mm using 10mm glass
3600mm using 15mm glass
3000mm using 12mm glass
4200mm using 19mm glass

Other Systems, Products and Services From Avanti

- Designer Partitioning
- Legno Partitioning
- Matrix Partitioning
- Fireshield Partitioning
- Unity expandable door and glazing frames
- Operable Walls
- Storage Walls
- Drylining Materials
- Joinery and Doors
- Ceilings
- Cubicles
- Raised Floors



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