



Quartz - FR30 Double Glazed Technical Data Sheet

Product Information

Dimensions:

Height up to 3000mm
Track Width 100mm
Head Track Height 50mm
Floor Track Height 27mm

Fire Ratings:

Glass FR30/30
Track FR30/0
Door FR30/0

Acoustics:

Up to 51dB (Rw)

Structure:

BS5234; BS6180; BS6399

Joints:

4mm Ceramic Tape M152 Tape both edges of the glass/Dry Joint

Corners:

Clad Post 102mm x 102mm

Deflection Head:

±12.5mm

Door Options:

Timber Door/10mm Pyran S Glass
Door

Profiles & Door Frames:

Aluminium

Ironmongery:

Standard ironmongery as per FoA

Glass Type:

Pyrobel 16 & Toughened/Laminated

Glass Thickness:

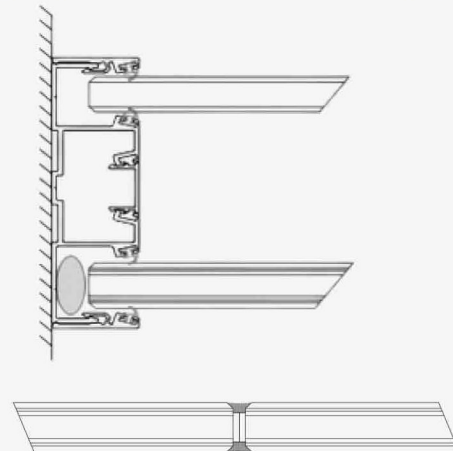
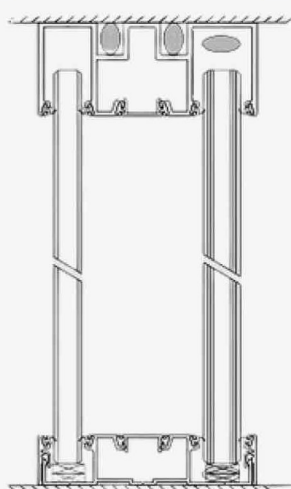
16.8mm & 10mm-19mm

Options:

Blinds
Manifestations
Aluminium Banding

Finishes:

Polyester Powder Coat
Satin/Special Anodised Aluminium



The Quartz frameless glazing system can be supplied as double glazed, achieving up to FR30/30 rating, while utilising Pyrobel 16 fire glass. Both glass & timber doors can be integrated into either of the systems and provide a rating of FR30/0. Our fire rated systems are tested to BS 476 pt22, in an approved UKAS (United Kingdom Accreditation Services) test house, 3rd party accreditation and field of application are obtained through international fire consultants. Fire Resistance Specification Class EI (Integrity and Insulation) for glass panels and Class E (Integrity only) for track & doors. FoA is available upon request.

The system should be agreed by the relevant approving authorities as a part of the fire strategy for each project.

British Standards

- Sound Measurements BS EN ISO 140
- Sound Rating BS EN ISO 717
- Structural Stability BS5234; BS6180; BS6399



Fire Rated Quartz is designed and manufactured by Apton Partitioning Limited in the UK.