

Technical Data Sheet



Frameless Fire Rated Doors are suitable for use as an internal fire rated door, resulting in an exceptionally modern, frameless appearance to traditionally cumbersome elements of design.

Configurations

Single Door Pivot / Double Door Pivot

Glass

Single Door

Maximum Glass Size 2.75m²

Glass Thickness 20 -27mm

Double Door

Maximum Glass Surface 5.83m²

Glass Thickness 20 -28mm

Maximum Sizes

EI30 Single Fire Rated Door

1150mm wide x 2300mm tall or 1000mm wide x 2645mm tall, maximum area 2.65 m²

EI60 Single Fire Rated Door

1000mm wide x 2300mm tall, maximum area 2.3 m²

EI30 Double Door

2528mm wide x 2298mm tall or 2198mm wide x 2643mm tall, maximum area 5.81 m²

EI60 Double Door

2000mm wide x 2300mm tall, maximum area 4,60 m²

Floor Spring

Steel, finished stainless steel/satin brass

Non Hold Open 285mm long x 82mm deep x 50mm height, tested to EN 1154

Electro Magnetic Hold Open electromagnetic hydraulic hold open feature allowing doors to self-close upon the interruption of electrical current, hold open @ 900 , 341mm long x 78mm deep x 60mm height, tested to EN 1154 and EN 1155

Pivot Steel pivot in head and base of each doors set a standard 80mm from closing glass edge Colour RAL 9005 / stainless steel

Handles 3 Standard Handle types, handles bonded onto glass face, other designs available on request

S Handle Series aluminium/steel, 27.5mm deep x 250/500mm long

T Handle Series rounded, stainless steel finish, 40mm diameter fixing to glass, 80mm deep x 300/500/1190mm long

K Handle Series aluminium D handle appearance, square edges, powder coated RAL 9005/ Stainless steel, 60mm deep x 300/1190mm long

Performance

Fire Rating 30/30 or 60/60

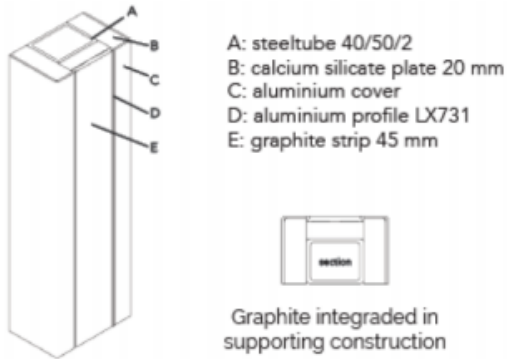
Option Electric Lock 404 for access control

Construction and Installation Opening doors can be installed within any fire rated wall material or within a fixed glass partition with appropriate fire rated frame. All installation to be carried out by IQ Glass in accordance with IQ Glass design drawings which are produced uniquely per project with an assumed wind load of 0.65 kN/m² unless specified

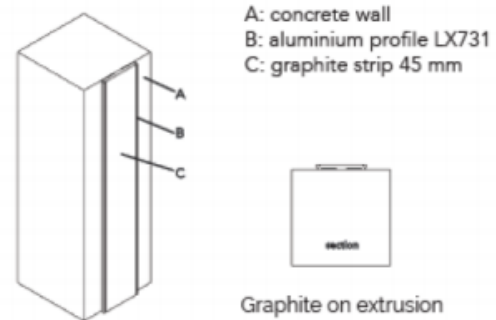
Glazing Bar Design Ceramic frit glazing bar design option

Typical Door Supporting Methods

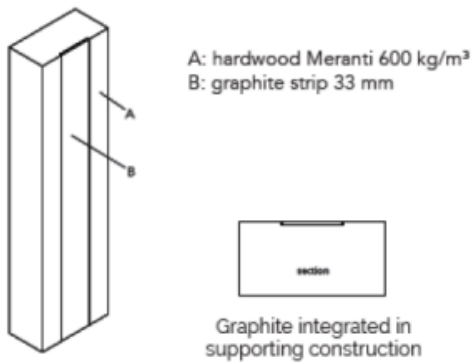
Hybrid Wall Supporting Structure



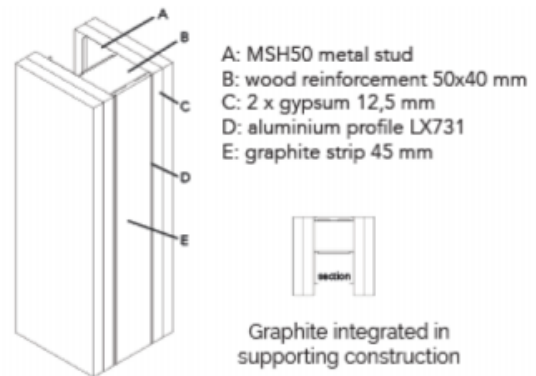
Concrete/Existing Wall Supporting Structure



Hardwood Supporting Structure



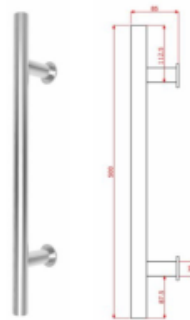
Gypsum Supporting Structure



Typical Door Handle Designs



S Series



T Series



K Series

