



Pioneers in Specialist Glazing

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## FireLine™ (windows, doors and screens)

FireLine™ windows, doors and internal screens create illuminated and naturally ventilated spaces whilst ensuring safe passage from buildings in the event of fire. With integrity and insulation levels from 30/0 (E30) to 120/120 (EI120), the range can be fully integrated into the building management system. FireLine™ products can be tailored to meet every need and can be designed to allow fire personnel safer access into the building. The inherent strength of steel profiles allows for the use of large panes of glass which can be seamlessly glazed, creating beautiful internal spaces.

### Manufacture -steel

All FireLine™ main frame box sections are manufactured from cold rolled steel and can be thermally insulated where required. Profiles are cut to specified lengths with joints that can be welded together and dressed to form a seamless finish. Glazing beads are fabricated in dressed steel for an architectural finish. Externally, FireLine™ systems are thermally broken offering excellent U-values to enhance the buildings energy saving credentials.

### Manufacture -aluminium

Aluminum systems can also be fire and smoke rated. Standard Aluminium systems can be designed to match FireLine™ windows and doors for non fire rated areas, creating architectural symmetry. Smoke screens are also available.

### Quick View

Product	FireLine™ windows, doors and internal screens offer maximum light penetration. silicone butt joint screens are available. Curtain walling, atria and roof lights.
Applications	Commercial offices, retail, leisure, industrial, transport, healthcare, custodial. (BlastLine™ systems can also be fire rated.)
U-Values	FireLine™ systems can achieve a U-V value of 2.0w/m²K or lower (depending upon specific o/a sizes and glazing specifications)
Quality	All FireLine™ systems are designed, manufactured and installed in accordance with ISO 9001 (certificate available)
Weather Test	FireLine™ systems are fully tested to meet CWCT and BS6375 standards for weather resistance.
Warranty	Warranties of up to 25 years available (please ask about cleaning and maintenance)

FireLine™



FireLine™ doors  
Liver Building



Seamless FireLine™ screen



FireLine™ windows  
Farnborough Airport



FireLine™ windows  
Navigation Warehouse



Internal screen  
at Kings Cross

## FireLine™ features

### Standard features

- Thermally enhanced to meet document L or J (Scotland)
- Narrow frame to maximise natural light, ventilation and increased air flow
- Low maintenance
- Integrated water drainage with anti corrosion resistant fittings
- Glazing capacity 6mm-82mm
- FireLine™ windows and doors can be integrated in FireLine™ curtain walls

### Safety features

- Windows can be fitted with actuators (NB. fail closed in fire)
- Can be incorporated into a fully integrated ventilation system
- Integrity only, or integrity and insulation to 120/120
- N.B. Pyrolytic® glass (integrity only)

### Additional features

- Solar control glass option
- Multi functional electric blind option
- Self cleaning glass (external application - maintenance required)
- Privacy glass option
- Enhanced acoustic option
- Gasket or wet glazed
- Radius glazing beads available
- Partially insulated options available

### Hardware

- Standard and bespoke options available

### Product Data

Material	Available in steel or aluminium
Sustainability	All material used in Fendor FireLine™ systems are environmentally sustainable and can be fully recycled, supporting Building Energy Performance criteria.
Finish	Full RAL/BS powder range/dual colour/stainless steel and bespoke finishes
Patent	FireLine™ patent No. GB2302902B Pyrolytic® TMGB2023341
Glazing Options	Single / Double / Triple / Security / Acoustic / Integral blinds

### Product Testing/Standards

Standard	In accordance with Approved Documents - BS.476 Pt.22 and BSEN 1634Pt.1
Weather	In accordance with Approved Documents with reference to BS6375 and CWCT
Fire	E30, E60, E90, E120 EI30, EI60, EI90, EI120
Acoustic	Subject to glass specification, full details available