



Pioneers in Specialist Glazing

T: 0191 4170 170
 F: 0191 415 8100
 E: info@fendor.co.uk
 W: www.fendor.co.uk

Fendor Ltd
 Spire House, Spire Road
 Washington
 NE37 3ES

FireLine™ (Curtain Walling, Atria and Rooflights)

FireLine™ curtain walling, glazed atria and rooflights create illuminated and naturally ventilated spaces whilst ensuring safe passage from buildings in the event of fire. With performance levels ranging from 30/0 (E30) to 120/120 (EI120) the FireLine™ range 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 allows for the use of large panes spanning multiple floors.

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. Pressure plates are manufactured from stainless steel. Cover caps are fabricated in aluminium 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™ curtain walling for non fire rated areas, offering architectural symmetry. Smoke screens are also available.

Quick View

Product	FireLine™ curtain wall, atria, and rooflights offer maximum light penetration. Systems can be tailored to multiple floor applications.
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 alue of 2.0w/m²K or lower (depending upon specific o/a sizes and glazing specifications)
Quality	All FireLine™ systems are designed, manufacturer 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™



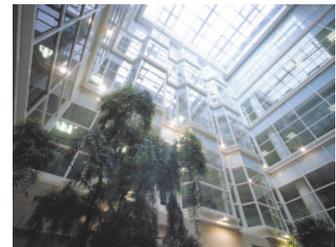
External curtain wall



Internal curtain wall and atria



External curtain wall



Internal curtain wall and atria

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-70mm
- Shoulder bolted clamping system
- Can incorporate FireLine™ doors and windows

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. Pyrolithic® glass (integrity only)

Additional features

- Solar control glass option
- Multi functional electric blind option
- Fire rated spandrel panels
- Self cleaning glass (external application -maintenance required)
- Privacy glass option
- Enhanced acoustic option
- Gasket or wet glazed
- Architectural shaped cover caps
- 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	FineLine™ patent No. GB2302902B Pyrolithic® 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