



Technical Specification

Metal Technology 10-35 Hi/Hi+ Commercial Aluminium Shopfronts

General Description	<p>The Metal Technology 10-35 Hi/Hi+ Commercial Doors and framing system is a high-performance solution and can be manufactured incorporating a single door or double doors. These doors have been designed to operate in high traffic locations and are suitable for commercial, health, education or retail applications. As part of Metal Technology's range, this system, in conjunction with the correct glass specification, is designed to aid compliance with the latest thermal requirements of current building regulations.</p> <p>Available as single or double doors in dual or single swing options. Anti-fingertrap and panic gear features are also optional.</p>
Typical sizes	Sash height up to 3 metres, subject to sash weights up to 100kgs
Security	<p>Metal Technology has carried out PAS 24 testing on a full range of their 10-35 door products and framing system. With double and single doors including fan lights and side lights all being tested, in conjunction with many different ironmongery options from 3 point locking to panic gear, designers can specify security doors with confidence.</p> <p>Single or multi-point locking. PAS 24 Security tested options to comply with Secured by Design criteria Cycle tested to BS 6375 Part 2</p>
Construction	Door sash members are square cut at 90°, with stiles end milled to suit ironmongery. Sash corners are reinforced with extruded aluminium cleats, and screw fixed with the option of additional tie bar reinforcement. Frame members are square cut at 90°, with corners constructed using either screwported or cleated assembly.
Handles	A full range of stainless steel handles are now available from stock. These include various offset bar lengths and D handles which now complement our existing standard pad handle options.
Other features	Panic bar option
Glazing	28mm – 44mm glazing options
Finishes	The range of sections can be provided in either of the following ranges of finishes: 1. Anodised to BS EN 12373-1 or BS 3987 2. Powder organic coated to BS EN 12206-1
Weathering	Door U-values as low as 1.27 W/m ² K with double glazing and 0.93 W/m ² K with triple glazing
Colours and Finishes	Available in single or dual colours in a wide range of RAL finishes.