




## PRODUCT OVERVIEW

		Duration of fire/smoke protection					Product range	Product overview	Product code
		30	60	90	120	180			
<b>E- Integrity</b>  Offers effective and economical protection from flames and smoke, but does not prevent the transmission of heat in the event of a fire.	E	▶	▶	▶			Pyrostem	Entry level cuttable, wired fire safety glass which provides integrity only protection against the passage of flames, smoke and toxic gases for 30 & 60 minutes (E classification). Used in like-for-like refurbishment projects demanding an economical glass with the appearance and performance of Georgian polished wired.	Pyrostem
<b>EW - Integrity &amp; Radiation</b>  Reduces the amount of radiant heat transfer to below 15 kW/m2 on the unexposed side.	EW	▶	▶				Pyroguard Firesafe	A range of modified toughened fire safety glass which provides integrity only protection against the passage of flames, smoke and toxic gases for 30 minutes (E Classification) and in the case of the coated range, also radiation protection (EW Classification for up to 60 mins). This lightweight monolithic solution provides exceptional impact resistance combined with high visual quality, is UV stable and available on short lead times.	T-E30 • T-EW30 • T-EW60
		▶	▶						
<b>EI - Integrity &amp; Insulation</b>  The highest level of protection from flames, smoke and heat.	EI	▶	▶	▶	▶	▶	Pyroguard Protect	A range of toughened fire safety glass which provides integrity and heat insulation for 15 to 180 minutes (EI classification). The solution provides 1B1 impact classification, high performing acoustic properties and UV stability.	T-EW30 • T-EW60 • T-EW120 • T-EI30 T-EI60 • T-EI90 • T-EI120 • T-EI180
		▶	▶						
		▶	▶						
<b>DH - Smoke Control</b> Maintains a smoke and fume-free escape route for up to half an hour.	DH	▶	▶				Smokeguard	A glass smoke control solution which can direct smoke and keep toxic fumes at bay long enough to allow members of the public to exit the building safely, minimising the risk of smoke inhalation, injury and death. Smokeguard provides significant cost reductions versus mechanical smoke curtains through lower initial investment costs, zero ongoing maintenance and no maximum lifespan.	DH30/8 • DH60/8
<b>Manual Attack Protection</b> Protection against manual attack to the EN 356 standard							Attackguard	A range of security glass which provides protection against manual attack. Attackguard is used either as an IGU counterpane or as a laminated Pyroguard fire resistant glass. A range of configurations are available which provide manual attack protection to the EN 356 standard from P1A to P6B.	P1A - P8B
<b>Marine</b> Providing integrity only and integrity and insulation protection against the passage of flames, smoke and toxic gases from 30 to 60 minutes.	A and B	▶	▶				Marine	The solution provides 1B1 or 1C1 impact classification, high-performance acoustic properties and UV stability. Specifically developed for the demands of marine and offshore applications including; passenger ships, yachts, speciality vessels, container ships and offshore platforms.	T-18-2 • T-A60/25-3 T-13-1 • T-A60/32-2
<b>Balustrades</b>							Balustrades	A laminated fire safety glass suitable for use in balustrade applications over 18 m when installed within a certified system.	T-EW