

Testing for Coopers Automatic Smoke Barriers

EN 12101-1	Warrington Fire & International Fire Consultants	Barrier types Resistance to fire Reliability and durability Total gravity fail safe Permeability 5.5.4 Deflection 5.5.4 Deflection Response Time	ASB 1 & ASB 3 (Life safety) DA 150 minutes 1000 cycles Yes < 25m ³ /hr per m ² (with overlap) Overlap curtains Yes Conjoined curtains Yes Yes
BS 7346 Part 3 1990	Warrington Fire	Unlimited widths Bottom bar weight Multiple curtains Curtain overlap Curtain conjoined Reliability Total power failure Rates of descent Adjustable speeds Deflection assessment for bottom bars 1.0 kgs lin mtr 1.8 kgs lin mtr 4.0 kgs lin mtr 6.0 kgs lin mtr	16 mtr Drop upto 10+ kgs per lin mtr Yes (minimum 400mm) Yes 6034 cycles Gravity Fail Safe Variable Yes (Competitor failed) (Coopers light) (Coopers standard) (Coopers medium)
BS 476 Part 6 1989	Warrington Fire	Fire propagation	
BS 476 Part 7 1987	Warrington Fire	Surface spread of flame	
BS 476 Part 20 1987	SGS United Kingdom Ltd	Fire resistance	
EN 12101 Part 1	Loss Prevention Council	Fire resistance test 3 mtr x 3 mtr Complete assembly	
GB 8624 – 1997	CNACL Sichuan China	Fire resistance and combustibility	