

## Testing for Fire Curtains Summary

Test Name	Test House	Test Parameter
BS 476: Part 22	Warrington Fire	Vertical Fire Curtain Vertical Fire Curtain with Overlap 270minutes FR & Integrity Increased number overlapping curtains & drop FR & Integrity of 120, 180 & 240 minutes for single and overlapping systems. FR & Integrity of 120 minutes at 8m drop Unlimited overlap and 7m drop for 180 & 240 minutes FR & Integrity 10m wide single barrel x 7m drop 120minutes FR & Integrity 6m wide single barrel x 7m drop 240 minutes FR & Integrity
BS EN 1364 - 1	BRE	FR & Integrity 180 minutes overlapped curtain
BS EN 1364 – 2		
BS EN 1363 – 1		
BS EN 1363 – 2		
BE EN 1634 – 1		Provided E60 (integrity) I30(insulation)
BS EN 1634 – 3		Smoke Control for Fire Doors & Shutters demonstrating Air Leakage through System
AS1530.4	Brnz Australasia	FR & Integrity Test 125 minutes
EN 55024	EMC	Authorised declaration of conformity for electrical components
EN 12101 Part C	Warrington Fire	Pressurised Air Leakage Test
EN 12101 Part D	Warrington Fire	2hr FR & Integrity Test
EN1634 – 3	Warrington Fire	Pressurised Air Leakage Test in accordance with EN12101 not to exceed <25m <sup>3</sup>
UL 10 D	UL USA	Fire & Smoke Protective Curtains 120minutes FR & Integrity
UL 10 D S	UL USA	Fire & Smoke Protective Curtains 120minutes FR & Integrity with Smoke Sealing

## Testing For Smoke Curtains

Test Name	Test House	Test Parameters
EN 12101 Part B	BRE	Reliability& Response Time Test 10m wide x 3m drop specimen 3m wide x 10m drop specimen
EN 12101 Part C	Warrington Fire	Pressurised Air Leakage Test
EN 12101 Part D	Warrington Fire	2hr FR & Integrity Test
EN1634 – 3	Warrington Fire	Pressurised Air Leakage Test in accordance with EN12101 not to exceed <25m <sup>3</sup>
BS 7346 : Part 3 : 1990	Warrington Fire WFRC No. C82984	To test an automatic smoke curtain to the test methods described in Clauses 3.2.3 and 4.3 "Reliability of automatic smoke curtain of BS 7346:Part 3: 1990 Components for smoke and heat control systems, specification for smoke curtains."
BS 7346 : Part 3 : 1990	Warrington Fire WFRC No. 121880	Fire/heat test generally in accordance with BS 7346: Part 3: 1990, clause 4.1, on a fabric smoke curtain.
BS 7346 : Part 3 : 1990	Warrington Fire WFRC No. 103023	To test an automatic smoke curtain to the test methods described in Clause 4.2 "Deflection" and Clause 3.2.3 of BS 7346: Part 3: 1990 "Components for smoke and heat control systems, specification for smoke curtains."
BS 7346 : Part 3 : 1990	Warrington Fire WFRC No. 103547	Appraisal of the performance of various sizes of automatic smoke curtains with respect to their ability to comply with the requirements for "Rate of Fall" Clause 3.2.3, and "Deflection", Clause 4.2, of BS 7346: Part 3: 1990.
BS 7346 : Part 3 : 1990	Warrington Fire WFRC No. 100909	To test an automatic smoke curtain to the methods described in Clause 4.2, "Deflection", of BS 7346: Part 3: 1990 "Components for smoke and heat control systems, specification for smoke curtains."

BS 476 : Part 6 : 1989	Warrington Fire WFRC No. 72503	To determine the fire propagation index of specimens of a product when they are tested in accordance with BS 476: Part 6: 1989 "Fire tests on building materials and structures, method of test for fire propagation for products"
BS 476: Part 22 : 1987	Warrington Fire WFRC No. 121878	Fire Resistance Test in Accordance with clause 8 of BS 476: Part 22: 1987 on an Asymmetrical Un-insulated Drop Curtain.
BS 476: Part 22 : 1987	BRE BRE No. 211081	Fire Resistance Test in Accordance with BS 476: Part 22: 1987 on a two barrel, Un-insulated Drop Curtain.
UL 10 D	UL USA	Fire & Smoke Protective Curtains 120minutes FR & Integrity
UL 10 D S	UL USA	Fire & Smoke Protective Curtains 120minutes FR & Integrity with Smoke Sealing