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CS/ KAFC/ R2 OCT 2020



Kent

Smoke and Fire Curtains

KENT AUTOMATIC FIRE CURTAIN

CUTSHEET



DESCRIPTION

Kent Automatic Fire Curtains are life safety systems that are designed to arrest the spread of fire in a building. The assembly comprises a fire resistant fiber-glass fabric wound around a roller which is encased in a compact head box that is typically installed above the ceiling to be virtually invisible until activated. The Fire Curtains create a barrier to fire, remaining virtually invisible when the curtains are stored in its retracted position within the compact head-box. The curtain descends at a controlled speed upon receipt of signal from a fire alarm and provides resistance for upto 180 minutes

SYSTEM TESTED IN ACCORDANCE WITH

- BS EN 1634-1:2014 (Fire Resistance)
- BS EN 1634-3:2014 (Smoke Control Test)
- UL 10D
- UL 1784
- Fabric Tested to BS 476 Pt 6 & Pt 7. Class 0
- BS 5234-2:1992 Method of Test as set out within BS 8524-1:2013 Double Severe Duty Impact Test
- System tested in Single & Multiple Barrel Orientation

COMPLIANCE

- CERTIFIRE- Third Party Accreditation
- System compliant with 13501-1:2007 + A1 2009
- BS EN Oversize Certification upon Request
- UL Oversize Certification upon Request
- Dubai Civil Defence Approved
- Kuwait Civil Defence Approved

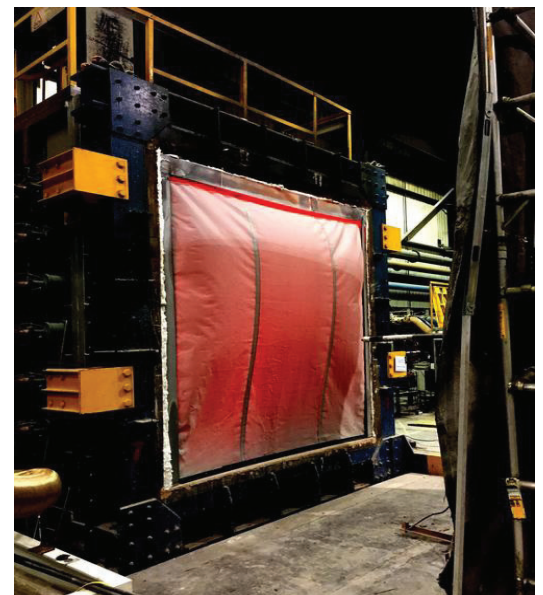
FIRE INTEGRITY (E)

- 60 minutes for VG 455
- 120 minutes for VWG 520 (BS EN ONLY)
- 180 minutes for VWG 690

RADIATION PROTECTION (W)

- Upto 85 minutes < 15kW/m² - VWG 690 Fabric

PRODUCT DESIGNATION	
MODEL NO	STANDARD
AFC01S-455	UL
AFC01M-455	UL
AFC03S-690	UL
AFC03M-690	UL
AFC01S-455	UL
AFC01M-455	UL
AFC03S-690	UL
AFC03M-690	UL
AFC01-455 Accordion	UL
ASC01-455 Accordion	UL
AFC03-690 Accordion	UL
ASC03-690 Accordion	UL
AFC02S	BS EN
AFC02M	BS EN
AFC03S	BS EN
AFC03M	BS EN



Single Barrel



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FIRE CURTAIN BOXES

CURTAIN DROP	SINGLE ROLLER BOX - TYPE 1			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	190mm	190mm	163mm	155mm
3m TO 7m	210mm	210mm	183mm	175mm
7m TO 12m	280mm	280mm	253mm	245mm

CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 2			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	190mm	350mm	163mm	155mm
3m TO 7m	210mm	390mm	183mm	175mm
7m TO 12m	280mm	500mm	253mm	245mm

CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 3			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	320mm	190mm	160mm	153mm
3m TO 7m	370mm	210mm	185mm	178mm
7m TO 12m	480mm	280mm	240mm	233mm

CURTAIN

CURTAIN DROP	SINGLE ROLLER BOX - TYPE 1			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	190mm	210mm	163mm	138mm
3m TO 7m	210mm	230mm	183mm	158mm
7m TO 12m	280mm	300mm	253mm	228mm

CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 2			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	190mm	370mm	163mm	138mm
3m TO 7m	210mm	410mm	183mm	158mm
7m TO 12m	280mm	520mm	253mm	228mm

CURTAIN DROP	MULTIPLE ROLLER BOX - TYPE 3			
	WIDTH(BW)	HEIGHT(BH)	A	B
UPTO 3m	320mm	210mm	160mm	136mm
3m TO 7m	370mm	230mm	185mm	161mm
7m TO 12m	480mm	300mm	240mm	216mm