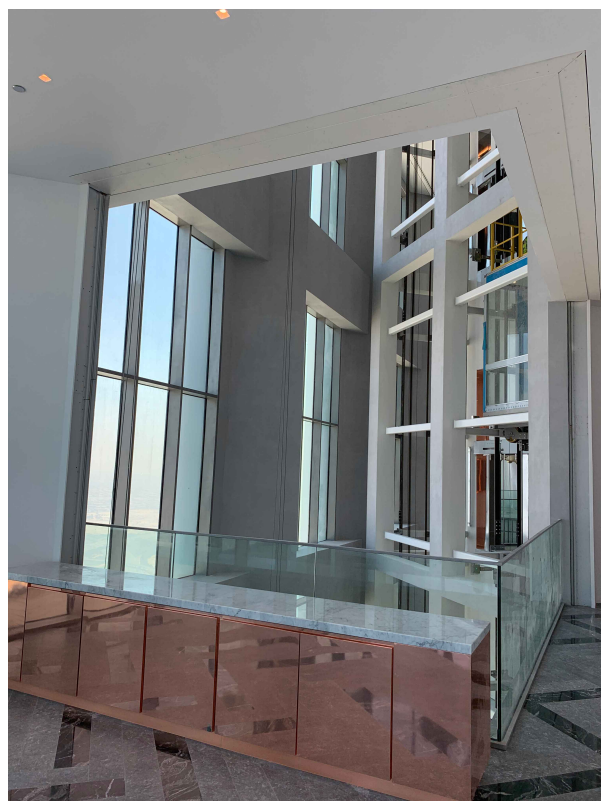# Kent
Smoke and Fire Curtains

KENT AUTOMATIC FIRE CURTAIN - ACCORDION

CUTSHEET

Accordion Curtain - Retracted

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 fiberglass fabric stacked inside the headbox that is typically installed above the ceiling to be virtually invisible until activated. The curtain descents at a controlled speed upon receipt of signal from a fire alarm and provides resistance for up to 240 minutes.

PRODUCT ADVANTAGES

• Lightweight & Compact - Reduced headroom requirement compared to a rolling fire shutter.
• State of Art Technology - Manufactured with intricacy using advanced machinery.
• Flexible Design Solution - Meeting Bespoke requirements.
• Improved Aesthetics & Mechanics - Negates the requirement for corner support columns and in some cases, side guides.
• Kent Gravity Fail Safe System - Guaranteed deployment of the curtains at a controlled descent rate using our gravity fail safe system. Applies under any scenario such as mains power failure and damage to control systems.

SYSTEM TESTED IN ACCORDANCE WITH

• UL Listed and classified under the UL follow up third party accreditation service

• UL 10D
• UL 1784 - Air Leakage Test of Door Assemblies & other opening protectives
• Method of Test NFPA 252
• Compliance with NFPA 80
• Classified to UL 10D for a period of 240 minutes (690 Fabric)
• Classified to UL 10D for a period of 60 minutes (455 Fabric)
• Fabric Tested in accordance with BS 476 Pt 6 & Pt 7 and achieved Class 0

• Tested to ASTM E84 & UL 723 for VG455 Fabric
• Fabric Impact Tested in accordance with BS 5234-2:1992

Accordion Curtain - Deployed

KENT AUTOMATIC FIRE CURTAIN - ACCORDION

CUTSHEET

Kent
Smoke and Fire Curtains

BOX WIDTH

30

BOX HEIGHT

CURTAIN OPEN CONDITION
THREAD ROD FIXING

HEAD BOX HEIGHT

BOX WIDTH

CURTAIN OPEN CONDITION
CEILING FIXING