

SMOKE CURTAINS

D
DH



global **system**

SMOKE CURTAINS GSF KDS / GSF KDR

GSF KDS / GSF KDR Smoke Curtains are intended for use in buildings as a separation of smoke zones. Typical tasks of smoke curtains are: creating a smoke tank by collecting and limiting the transport of smoke, directing smoke in a predetermined direction, preventing or delaying smoke entering other zones or air voids.

Due to their design, smoke curtains can be combined modularly, allowing to create security measures of unlimited dimensions. The wide application of curtains allows them to be installed in both public and commercial buildings.

TYPES OF SMOKE CURTAINS

Due to the operation method:

- GSF KDS - Fixed Smoke Curtains
- GSF KDR - Movable Smoke Curtains

Due to the fire resistance class:

- D₆₀₀ 160
- D₆₀₀ 181
- DH60
- DH133



Due to the operation method (Movable Smoke Curtains GSF KDR):

- **ASB1** The curtain descends as a result of activation or power outage, at a speed range of 0,06 – 0,30 m/s, no lower than 2,5 meters from the floor
- **ASB2** The curtain descends as a result of activation at a speed range of 0,06 – 0,30 m/s, no lower than 2,5 meters from the floor
- **ASB3** The curtain descends as a result of activation or power outage, at a speed range of 0,06 – 0,15 m/s, at any height
- **ASB4** The curtain descends as a result of activation at a speed range of 0,06 – 0,15 m/s, at any height

CONSTRUCTION OF SMOKE CURTAINS

FIXED SMOKE CURTAIN GSF KDS

Fixed smoke curtain consists of:

- Curtain coat - made of fire-resistant fabric
- Fastening element
- Ballast strip

MOVABLE SMOKE CURTAIN GSF KDR

Movable smoke curtain coat is wound on the shaft and kept in the open position by electric motor. In the event of a fire hazard, the curtain coat is released. Curtain control is carried out by the control center.

Movable smoke curtain consists of:

- Curtain coat - made of fire-resistant fabric
- Shaft housing
- Ballast bar
- Tubular motor

ADDITIONAL OPTIONS

- Painting the housing assembly in any color from the RAL palette
- Optional side guides

FIRE RESISTANCE CLASSES

