

## FIXED SMOKE CURTAINS

### GSF KDS

Fixed smoke curtains **GSF KDS GLOBAL SYSTEM** are intended to be used in buildings as barriers dividing space into smoke compartments. Their primary functions include:

- creating smoke compartments by containing and limiting the movement of smoke,
- redirecting the movement of smoke,
- preventing and delaying any influx of smoke into other areas or into air gaps.

Due to their design, smoke curtains can be combined modularly, allow to create security measures of unlimited dimensions. The curtains are suitable for a wide variety of applications in both public and commercial buildings.

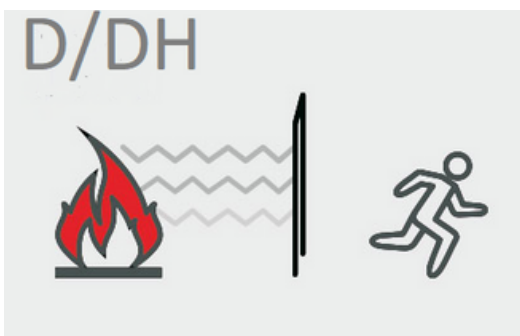


#### ▶ TYPES OF SMOKE CURTAINS GSF GLOBAL SYSTEM

- KDS D600160
- KDS D60060
- KDS DH60

#### ▶ GSF KDS FIXED CURTAINS CONSTRUCTION

Fixed smoke curtains consists of: curtain coat - made of fire-resistant fabric, fastening element, ballast strip



- Limits the spread of smoke
- Redirecting the movement of smoke
- Delaying any influx of smoke

#### ▶ ADDITIONAL INFORMATION

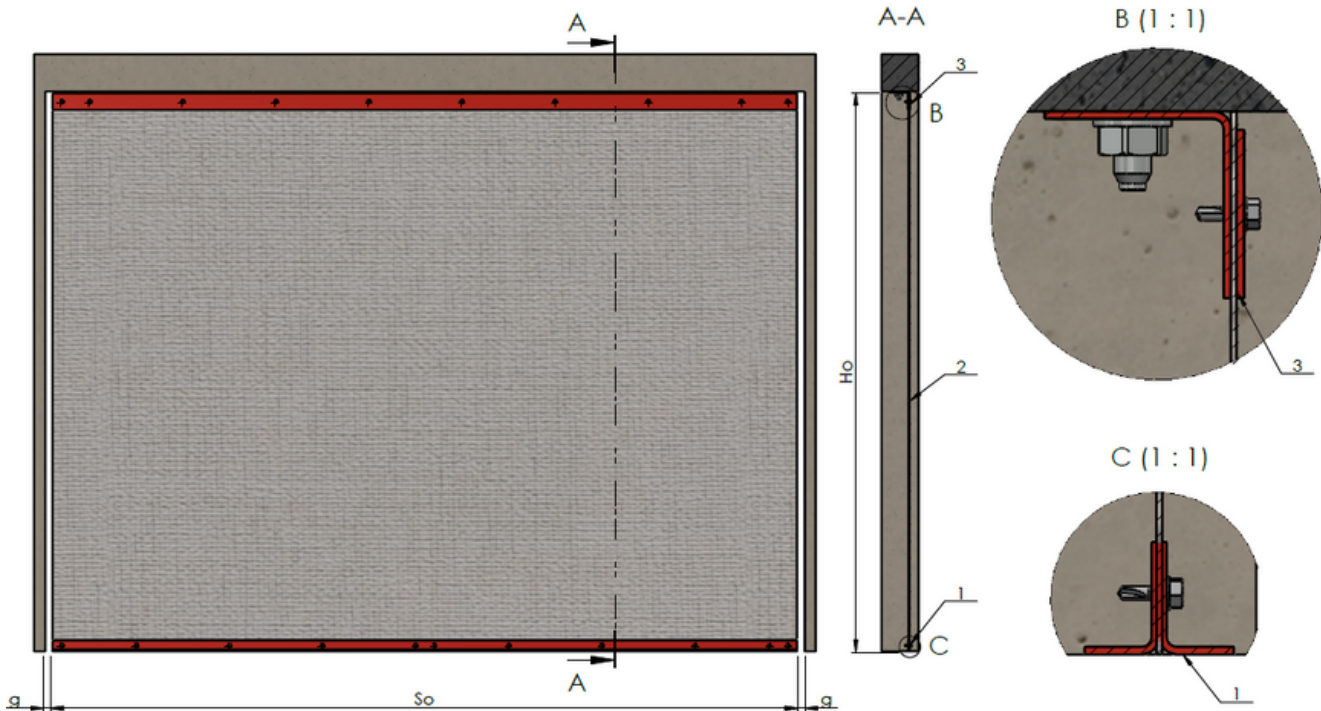
The **curtain coat** of the fixed smoke curtain is always kept in the open position, it is ready for operation at any time to separate the appropriate fire zone.

Smoke curtains **GSF KDS GLOBAL SYSTEM** are made in accordance with the harmonized standard: **EN 12101-1:2005 + A1:2006** Smoke and heat spreading system, Part 1: Technical requirements for smoke curtains.

## CONSTRUCTION CONDITIONS

### GSF KDS D<sub>600</sub>160, GSF KDS D<sub>600</sub>60, GSF KDS DH60

The installation conditions specify the space required for the smoke curtains installation. All unrecognized dimensions in terms of construction conditions should be agreed individually.



$g = 20\text{mm}$  for curtains that move up to a distance of 2m

$g = 40\text{mm}$  for curtains that move over a distance of more than 2m and up to a distance of 6m

$g = 60\text{mm}$  for curtains that move over a distance of 6m

1. Ballast
2. Coat
3. Mounting bracket

<b>Fixed Smoke Curtain</b>	<b>GSF KDS D</b> <b>Class D<sub>600</sub>160</b>	<b>Max width: unlimited, by joining</b> <b>"overlapping" (<math>\geq 250\text{ mm}</math>)</b>  <b>Max height: 4550 mm</b>
	<b>GSF KDS D</b> <b>Class D<sub>600</sub>60</b>  <b>GSF KDS DH</b> <b>Class DH60</b>	<b>Max width: unlimited, by joining</b> <b>"overlapping" (<math>\geq 250\text{ mm}</math>)</b>  <b>Max height: 6350 mm</b>

#### Warning:

The surface for mounting the smoke curtains must be vertical and even (smooth), tolerance  $\pm 1\text{mm/m}$ .

Otherwise, the customer is obliged to level the surface before installation.

The documentation made by GLOBAL SYSTEM is protected by copyright.

The manufacturer has the right to change the dimensions of the development during the execution of the order.

The manufacturer reserves the form of legalization of the product in case of order.

All additional information to be agreed with the GLOBAL SYSTEM Technical Department.