

# FIRE-RATED ROLLER SHUTTER WITH A FUSIBLE LINK

## GSF KPR EI15, EI30, EI45, EI60

**GSF KPR Fire-Rated Roller Shutter by GLOBAL SYSTEM** is intended for closing off opening in vertical partitions, both internal and external. The main purpose of the shutter is to **limit the spread of fire and the flow of gases and heat** for 15-60 minutes. Shutters separate fire zones in buildings and enable safe evacuation. They can be applied in public facilities and in other types of buildings. GSF KPR EI shutter by GLOBAL SYSTEM is equipped with a fusible link, which shall release the shutter when the temperature reaches around 70°C.



### ► TYPES OF FIRE PROTECTION ROLLER SHUTTERS

**GSF KPR EI15** – prevents the spread of fire and the flow of gases and heat streams for **15 minutes**

**GSF KPR EI30** – prevents the spread of fire and the flow of gases and heat streams for **30 minutes**

**GSF KPR EI45** – prevents the spread of fire and the flow of gases and heat streams for **45 minutes**

**GSF KPR EI60** – prevents the spread of fire and the flow of gases and heat streams for **60 minutes**

### ► GATE CONSTRUCTION

The curtain gate consists of: curtain coat, shaft housing, guides, ballast strip, fusible link.



Limits the flow of flames, gases and heat ✓

Separation of fire zones ✓

Ensures the safe evacuation ✓

Compact, light construction ✓

Easy to assemble ✓

### ► ADDITIONAL INFORMATION

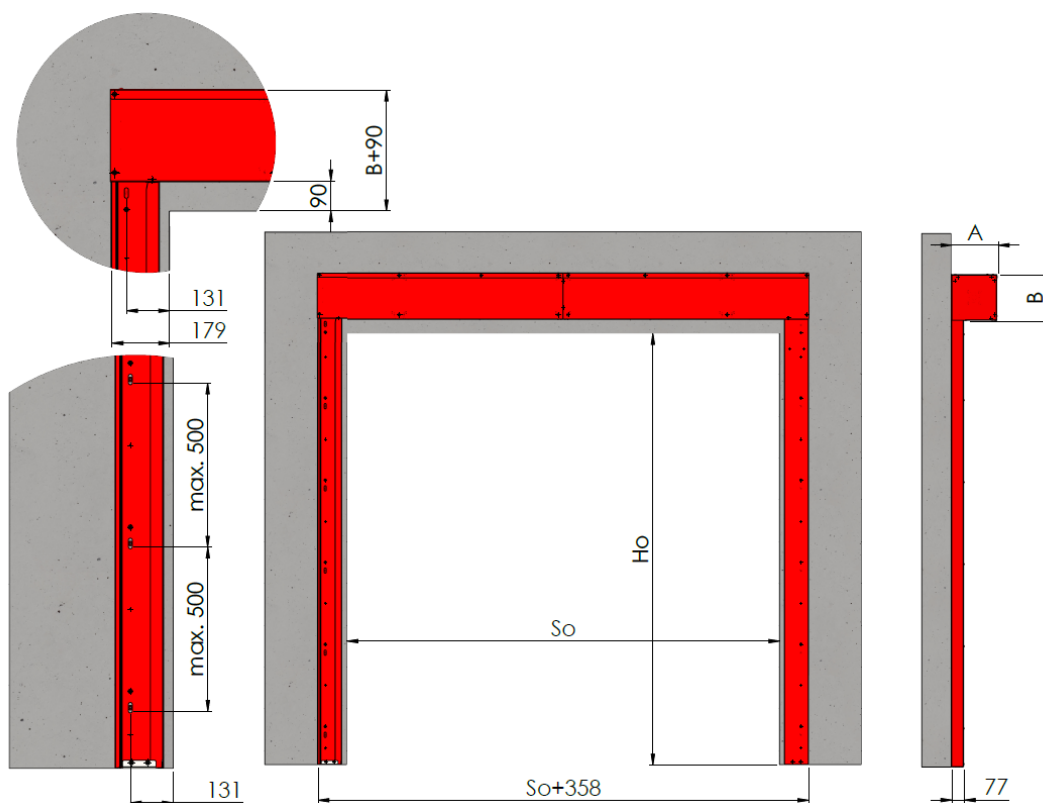
The **curtain gate coat** is made of fire-proof fabric, which is wound on a shaft and fixed between the guides. The gate is opened with a fusible link which, after reaching a temperature of 70°C, releases the gate coat, separating fire zones. **Shaft casing and guides of the curtain gate** are made of galvanized steel sheet as a standard. All elements made of galvanized sheet can be painted in any colour from the RAL palette. **Fasteners (screws)** are made of galvanized steel, which are not painted as standard.

GLOBAL SYSTEM GSF KPR EI rolling fire gates are made in accordance with the harmonized standard: **EN 16034:2014**, **EN 13241:2003+A2:2016**.

## CONSTRUCTION CONDITIONS

### GSF KPR EI15, EI30, EI45, EI60 with fusible link

The installation conditions specify the space required to the gate installation . All dimensions not shown in the terms and conditions are to be individually.



Dimensions				
$S_o$	$H_o$	$B+90$	A	B
Opening width [mm]	Opening height [mm]	Minimum lintel height [mm]	Housing depth [mm]	Housing height [mm]
min. = 500 max. = 2640	min. = 500 max. = 2590			
$\leq 2000$	$\leq 2000$	320	230	230
$\leq 2640$	$\leq 2100$	370	280	280
$\leq 2640$	$\leq 2590$	410	320	320
Additional informations				
Side columns width [mm]	179			
Side columns depth [mm]	77			
Coat weight (per 1m <sup>2</sup> ) [kg]	Aprox. 6,5			
Coat thickness [mm]	Aprox. 8-12			

#### Warning:

The surface for mounting the gate, upper head box and the side guides must be vertical and even (smooth), tolerance 1mm/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