

## MEC series fire resistant sliding gates

**Horizontal sliding gates: single and double-leaf as well as telescopic gates, also in version with wicket doors.**

Lightweight gates (from 25 to 36 kg/m<sup>2</sup>), with stone wool filling, galvanized steel sheathing, painted on both sides in RAL 7035, closed by gravity, made in classes from EI 60 to EI 240.



### OPTIONS:



Various  
designs

### INOX

Made  
of stainless  
steel



Smoke  
detectors



Pass door  
option

### RAL

Paint color  
RAL palette



ATEX

### CE certificate:

0370-CPR-3940, 0370-CPR-3941, 0370-CPR-3943  
0370-CPR-3944, 0370-CPR-3945, 0370-CPR-3946  
0370-CPR-3947, 0370-CPR-3948, 0370-CPR-3949  
0370-CPR-3950

### Construction type:

Horizontal, single-leaf, double-leaf, telescopic sliding  
gate and versions with doors for EI 60 and EI 120

### Class resistance:

EI 60 EI 120 EI 180 EI 240

### Weight:

from 25 kg/m<sup>2</sup> to 36 kg/m<sup>2</sup>

### Maximum dimensions\*:

EI 60 Leaf maximum dimensions\*: 5 640x4 945  
EI 120 Leaf maximum dimensions\*: 5 360x4 025  
EI 180 and EI 240 Total maximum dimensions: 4 500x4 500,  
area up to 13.5 m<sup>2</sup>

### Closing speed:

Limited to 20 cm/s

\*Larger dimensions available on request

The standard design of the MEC series gates includes:

- Gates with fire resistance EI 60, EI 90, EI 120, EI 180, EI 240 made of sandwich panels with stone wool filling of density up to 175 kg/m<sup>3</sup> with lining of steel sheet with a thickness of 0.6 - 0.8 mm, coated in RAL 7035 as a standard (other colors on request),
- The sheet metal galvanized shell handles are placed on both sides,
- Panels on the perimeter covered with galvanized steel profiles,
- The gate is sealed with a galvanized steel labyrinth seal system with expanding seals,
- The gate is guided overhead on a stable galvanized guide, fixed to the lintel using a system of consoles which are widely adjustable in two planes (gate without any elements remaining in the light when the gate is opened),
- The gate opens manually and closes automatically thanks to a counterweight system when the door holder is released, keeping it in the open position,
- 24V fused or electromagnetic holder, optional viscous controller limiting the closing speed to a maximum of 0.2 m/s,
- The stop is covered with galvanized steel sheet. The gate can be connected to the building's master fire system.

Additional options available for sliding gates:

- Wicket door, also equipped with antipanic hardware,
- Electric drive supporting gate opening – recommended for large size gates,
- Stainless steel hardware,
- Fire warning equipment, i.e. smoke detectors, sound and visual alarms, alarm button, relay panel.

