

## Fireproof sliding gates series N80 and N150

Single-leaf, double-leaf, telescopic, single-leaf with doors, double-leaf with doors, telescopic with doors.

Lightweight gates (from 25 to 30 kg/m<sup>2</sup>), with stone wool filling, produced in classes EI 30/60/90/120. Sheathing made of galvanized steel, painted in RAL 9002 on the outside and RAL 7035 on the inside. Gates closed by gravity, opened manually or by electric drive.

### OPTIONS:



Various  
designs

### INOX

Made  
of stainless  
steel



ATEX

### RAL

Paint color  
RAL palette



Smoke  
detectors



Technical approval:	AT-15-9594/2016
CE certificate:	ITB - 2496/W
Construction type:	Horizontal sliding
Class resistance:	EI 30 (N80) EI 120 (N150)
Weight:	approx. 20.5 kg/m <sup>2</sup> (N80) approx. 29.5 kg/m <sup>2</sup> (N150)
Maximum dimensions*:	(W) 10 000 x (H) 4 500 mm
Closing speed:	steplessly adjustable up to 20 cm/s

\*Larger dimensions available on request

The standard design of the N80 and N150 series gates includes:

- Gate with fire resistance EI 30, EI 120 made of sandwich panels, steel sheet sheathing, standard color RAL 9002 on the outside and RAL 7035 on the inside; optionally the gate can be painted in any color from the standard RAL Classic range,
- The filling is mineral wool with a density of 115 kg/m<sup>3</sup> (the total gate weight is 20.5 kg/m<sup>2</sup> for N80 and 29.5 kg/m<sup>2</sup> for N150),
- The sheet metal galvanized shell handles are placed on both sides,
- Panels covered with double galvanized steel profiles with thermal separation,
- The gate is sealed with a galvanized steel labyrinth seal system with Promaseal 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 electric door holder is released, keeping it in the open position,
- 24V electromagnetic holder (900mA) with closing speed adjustment mechanism (0.08 to 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/pass door - single- and double-leaf; 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.

