



Electrical  
opening system

**RAL**

Paint color  
RAL palette



Safety edge



Different  
gate  
functionalities



Three-phase  
drive



Emergency  
opening



OPTIONS: **RAL**

Paint color  
RAL palette

## Soundproof gates (steel rolling, flexible rolling, sliding)

NGR Technologie's soundproof gates are designed for use in places where noise caused by various external factors is undesirable.

NGR Technologie is one of the few manufacturers to offer a wide range of its own solutions in this type of gates. The offer includes both rolling and sliding gates, also with fire resistance up to EI 120.

<p>Test report: LA-02724:01e/2010 Construction type: Rolling, steel, single-apron Sound insulation index: <math>Rw(C;Ctr) = 31 (-3; -4)dB</math> Weight: approx. 35 kg/m<sup>2</sup></p>	<p>Test report: LA-02724:01d/2010 Construction type: Rolling, flexible, two-apron Sound insulation index: <math>Rw(C;Ctr) = 38 (-2; -6)dB</math> Weight: approx. 6 kg/m<sup>2</sup></p>
<p>Test report: LA-02724:01a/2010 Construction type: Rolling, steel, two-apron Sound insulation index: <math>Rw(C;Ctr) = 50 (0; -2)dB</math> Weight: approx. 70 kg/m<sup>2</sup></p>	<p>Test report: LA-02724:01d/2010 Construction type: Rolling, flexible, three-apron Sound insulation index: <math>Rw(C;Ctr) = 50 (-2; -6)dB</math> Weight: approx. 9 kg/m<sup>2</sup></p>
<p>Test report: LA-02724:01/2010 Construction type: Rolling, flexible, single-apron Sound insulation index: <math>Rw(C;Ctr) = 26 (-1; -4)dB</math> Weight: approx. 3 kg/m<sup>2</sup></p>	<p>Test report: LA-02724:01/2010 Construction type: Sliding, steel, Sound insulation index: <math>Rw(C;Ctr) = 31 (-4; -5)dB</math> Weight: approx. 30 kg/m<sup>2</sup></p>

The soundproof steel rolling gates are almost no different visually from typical industrial rolling or sectional gates. However, they have a special construction and different profile fillings that absorb sound, as well as noise-absorbing coatings and guide rails. By adding the appropriate sealing systems for the guides and lintels, these gates allow to achieve satisfactory noise reduction parameters.

NGR Technologie, in addition to steel gates, also offers lightweight flexible fire gates in the AK series, made in class EI 60 or EI 120, with increased sound insulation parameters.

Where it is not possible, for various reasons, to use a rolling gate, we offer soundproof sliding gates, both classless and fireproof, made in class EI 120.

Soundproof gates are each time selected in terms of their type and designed individually, taking into account the specific requirements of a given project, both in terms of sound insulation parameters and installation conditions for a particular opening and fire resistance class.

There are no dimensional limitations, the only limitation is the load-bearing capacity of the structure on which the gate is to be installed.

All soundproof gates, regardless of their type, can be equipped with additional signaling and safety systems, such as safety edge contact strips, photocells or light grids, safety passage lights, signaling lights, sirens, etc., as standard or as an option. Depending on the selected design, the gates can be operated manually or activated electrically, controlled according to the customer's guidelines and needs, ranging from the simplest Totmann systems to the most advanced remote and automatic control systems and using any access control system.

