



**sakumetall**

**GARAGE DOOR**

**SRE601** FINGER PROTECTION, STANDARD COLOUR

version05

**General information**

A door intended for garages of residences and apartment buildings. Construction of sectional door needs little space and seals in edges ensure weather-resistance of door and minimum heat losses. Sections have special shape, making it impossible to crush fingers with the panel when closing the door.

**Dimensions**

Construction aperture: width (B) <5000; height (H) <2500  
 Lintel height (h): >250  
 Dimensions of light aperture = dimensions of construction aperture - 150  
 Dimensions of light aperture = dimensions of construction aperture (with automatics)  
 Thickness of door sheet: 40  
 Free lateral space (PL\*): >70



**Door sheet**

Door sheet consists of 40 mm thick heat-insulated sections, with finger pinch protection. Insulation is thick freon-free polyurethane foam, surrounded with 0,5 mm galvanized steel sheet. Steel sections are painted with weatherproof polyester paint. Standard tones of door of steel sections – internal side white RAL 9010, external side white RAL 9010, dark brown RAL 8014 or silver RAL 9006. Additional reinforcement: horizontal sheet metal stripes in upper and lower edges of internal side, to which connection hinges of sections are fixed. Heat transfer coefficient of sections  $U = 0,9 \text{ W}/(\text{m}^2 \cdot \text{°C})$ .

**Control system**

Guide rail system is installed to internal side of door aperture, which is made of galvanized 1,5 mm steel profiles and along which door sections move up and down with the help of rolls. The garage door fits into openings with the lintel height (h) of at least 250 mm and the side space of at least 70 mm.

**Balancing**

High-quality torsion spring is used for balancing of door sheet. Standard life is 15000 cycles, but torsion springs with up to 100 000 cycles can be ordered.

**Sealing**

EPDM rubber is used in upper and lower edge of door to increase air tightness of door. Sides are sealed with special gasket made of mix of PVC and rubber (TPR). Seals are also in connection points of sections.

**Maintenance**

Depending on the usage intensity of the door, a specialist with appropriate training must service the door after every 1,800 cycles. This must be done at least once per year – the usage life of the door will be significantly longer this way. It is possible to sign a maintenance contract upon purchasing the door.

**Accessories**

Following accessories can be installed to the door:

- Plastic windows
- Ventilation grids
- Automatic system
- External lock

**Conformance to the standard**

Garage door meets the harmonized product standard EN 13241-1:2005+A1:2011.

