

## Shutters » Adaptive » ALUMINIUM SHUTTERS



### Roller shutters

Perfect solutions for the whole year – Energy efficiency, safety, privacy

#### Features

1. Roller shutters installed on the window or in the wall, both during the house construction and in already existing buildings.
2. They provide a perfect protection against noise and significantly improve the quality of life in the flat.
3. They decrease heat energy needs in the building, reducing heating and air-conditioning costs in the building.
4. Through application of a mosquito net they give a perfect protection against insects, mosquitos etc.
5. They increase safety level as an extra anti-burglary protection.
6. Manual and automatic control possibility.
7. Wide colour range allows to match to the colours of the building, windows etc.

### Technical data

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- Three types: 45°, recessed 90° and oval
- The height of the box from 137, 165, 180 mm (45°), 139x145, 167x171, 182x190 mm (oval), 137, 165, 180 mm (recessed)
- Access to the box for the 45° roller shutter and oval roller shutter from the front, and for the recessed rolled shutter from the bottom which allows to build it in.
- Box and roller guide available in wide range of all RAL colors and woodgrain.
- Slats available in 9 different color options.
- The possibility to apply the mosquito net on the outside.
- End slat is available in various color options according to RAL color range.

#### Control:

- manual or automatic,
- manual: with a belt, a crank, or a belt with crank gearing,
- automatic – by a remote, a key or switch controls,
- possibility of intelligent roller shutters control.

#### Protection against armor lifting:

- with a burglar proof fixation of the armor,
- with a manual or automatic lock,
- thanks to the installation of an espagnolette lock.