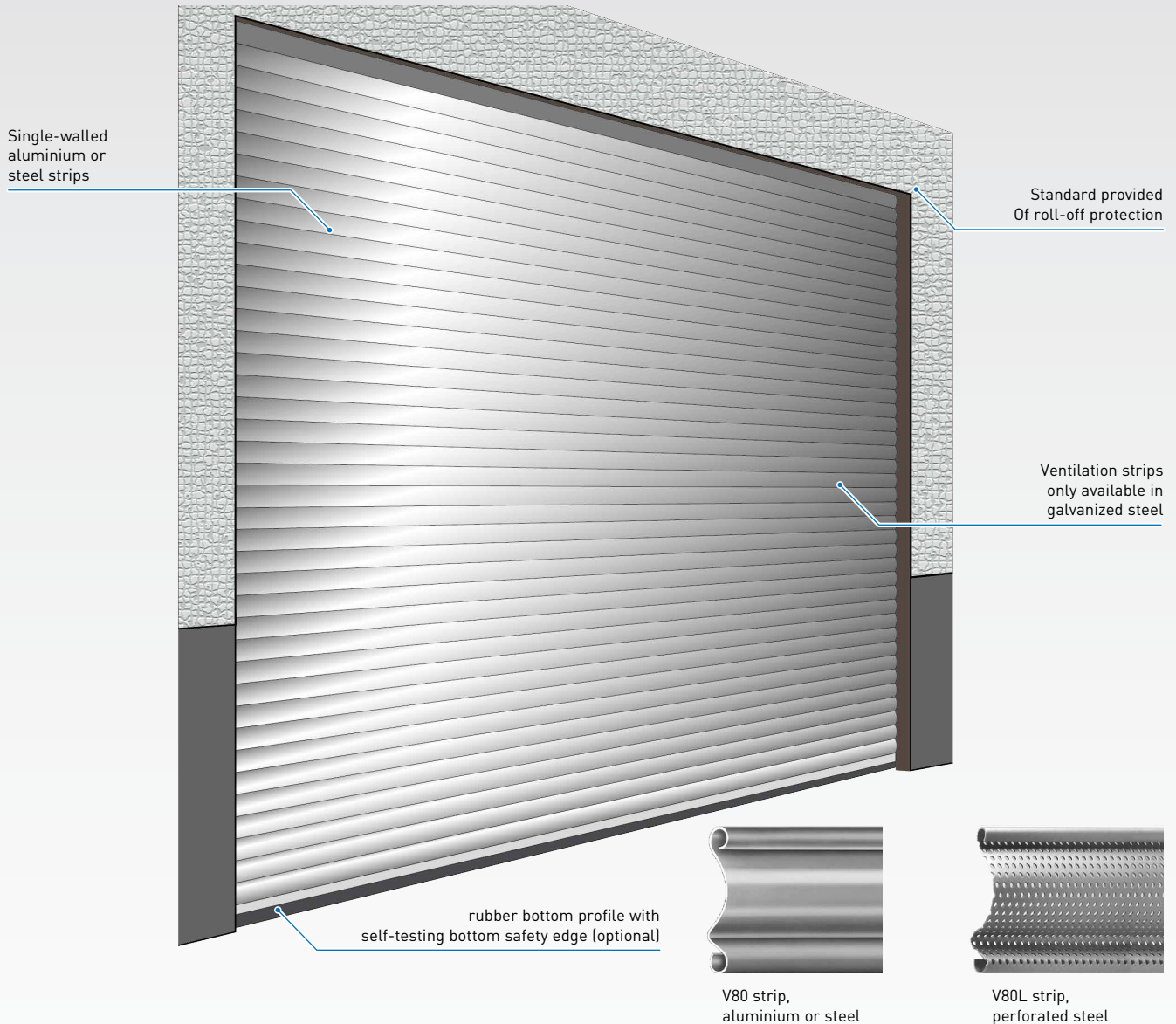


# Single-walled Roller shutter



## V80 single-walled Roller shutter

An attractive addition to your building

### Properties

- suitable for large door sizes up to 36 m<sup>2</sup>
- max. width (W) = 6000 mm, max. height (H) = 6000 mm
- wind load resistance class 2 according to EN 12424, or up to 10 Beaufort (89 - 102 km/h)
- insulated strips of E6 / EV1 anodized aluminum, also with glazing
- very solid construction with easily accessible, proven technology
- EN13241-1 compliant



# Single-walled Roller shutter V80

The V80 Roller shutter is a functional and reliable door with uses in industry and public utilities. The door is suitable for large door dimensions with a choice of various operating mechanisms. The roller shutter is constructed of single-walled strips of 80 mm tall.

Dimensions	V80
max. width	6000 mm
max. height	6000 mm
max. surface area	36 m <sup>2</sup>
max. wind force	Class 2
strip height	80 mm
strip thickness	1 mm

## Advantages

- solid frame construction
- class 2 resistance to wind pressure
- low maintenance costs through simple technology and an easily accessible construction
- strips with window sections available <sup>1)</sup>
- strips are easy to replace
- any RAL color of your choice <sup>1)</sup>
- safe operation thanks to self testing safety edge protection

## Components and construction

The V80 Roller shutter is made of horizontal strips that are joined to allow water to run-off. Lateral end pieces with wind locks prevent the slats from moving in relation to each other. Elastic bands run over the door leaf in order to keep the strips scratch-free and to reduce noise. Above the clear width the door leaf is wound up on a steel winding tube.

## Materials

- the horizontal strips have an outer and inner shell made of anodised aluminium, with a clear coating as standard
- the steel lateral guides and consoles are galvanised
- the winding roller is finished with a primer

## Colour

- door curtain is also available in customer-specified RAL coating<sup>1</sup> (with the exception of fluorescent and traffic colours)

## Drive

The Alu High Speed roller shutter is equipped with an electric slip-on drive. The drive has emergency operation using a crank.

## Technical details electric drive

- power..... 400V 3 ph / N + PE / 50Hz / 16A
- degree of protection ..... IP 65

Performance	
max. opening speed	0,2 m/s
max. closing speed	0,2 m/s

## Protection

- the door can be manually opened in the case of a power loss
- the electric drive has a roll-off safety that keeps the door leaf in place in the case of defects with the drive or transmission

## Structural provisions and connection (by others)

- a flat assembly frame and required fitting space must be available
- see the Technical Datasheet for the exact required fitting space
- the control box is usually fitted on the drive side, at a height of approx. 1500 mm from the floor
- a wall socket must be available within a radius of 500 mm of where the control unit will be positioned (CEE-form red, 400V 3 ph / N + PE / 50Hz / slow operation 16A)
- with standard CEE-plug, the control box is IP54 compliant

## Control and operation

The control system regulates a multitude of functions such as:

- adjustable open time
- service and run mode
- 7-segment display for controlling the various functions
- choice of permanently open or permanently shut

### Other forms of operation that can be connected to the standard control box:

- operation by push-button, pull switch, key-operated switch, photocell, radar, induction loop detection or by (multichannel) remote control



Available control: TS971, TS981

## Options <sup>1</sup>

### Control and operation

- additional controls as described above available at surcharge
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)

### Protection

- red/green signal lights for driving in and out
- warning light (orange or red)
- a self-testing safety edge. The door stops and immediately opens as it hits an obstacle when closing.

### Construction

- strips available in customer-specified RAL coating (with the exception of fluorescent and traffic colours)

<sup>1</sup> subject to surcharge