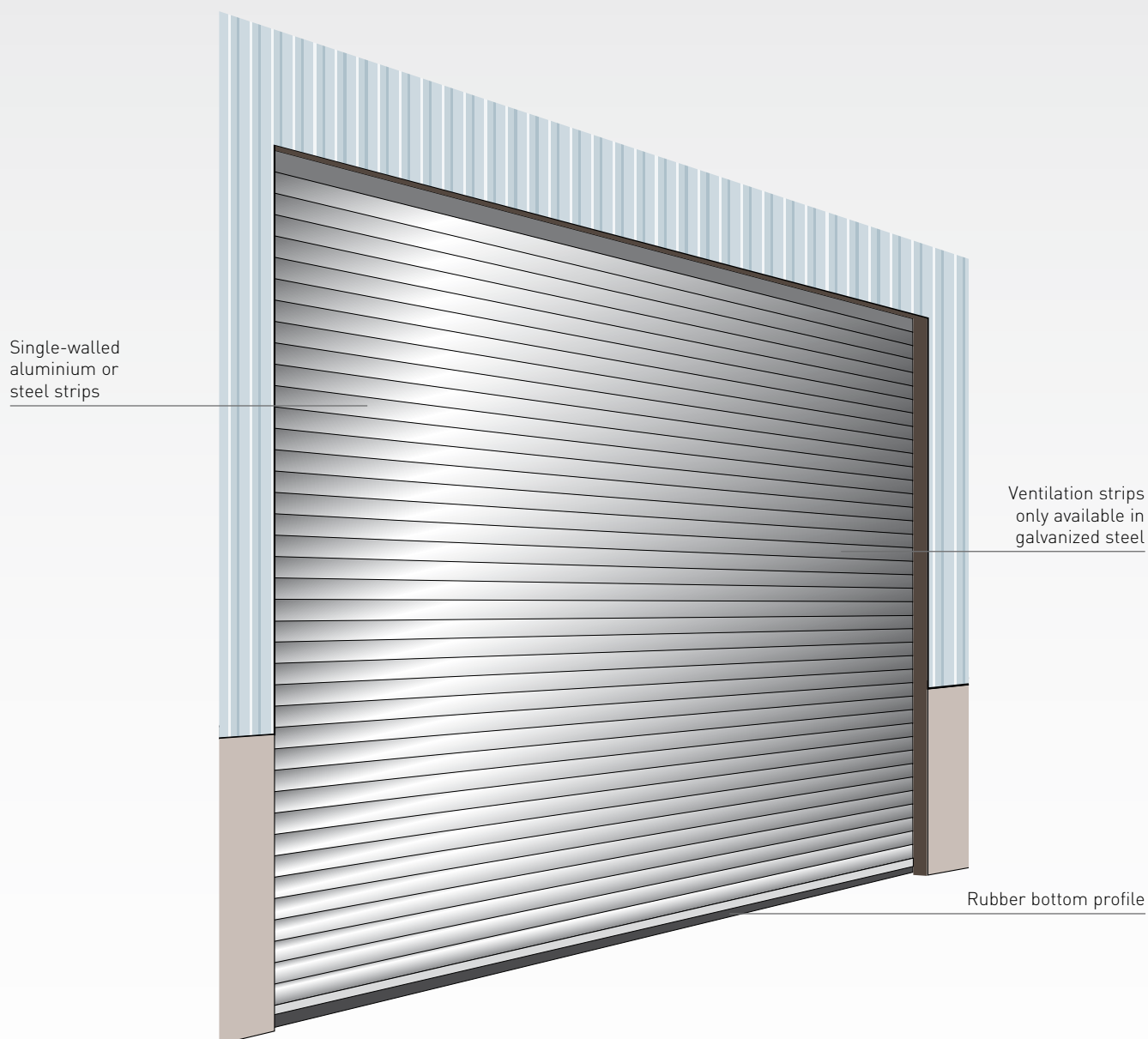


# V80 Single-walled roller shutter

Cost-effective industrial door

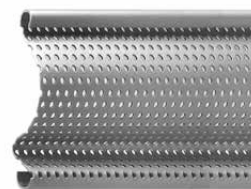


## Features

- suitable for large door sizes up to 36 m<sup>2</sup>, max. W x H = 6000 x 6000 mm
- wind load resistance class 2 according to EN 12424 or up to 10 Beaufort (89 - 102 km/h)
- strips of E6 / EV1 anodized aluminum or sendzimir galvanised steel
- use both inside and in the external facade
- various operating systems
- EN13241-1 compliant



V80 strip, aluminium or steel



V80L strip, perforated steel

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 71 mm tall.

## Components and construction

The V80 rolling door is made of horizontal strips. These are joined to allow water to run-off. Lateral end pieces prevent the strips from moving in relation to each other. Above the clear width the door leaf is wound up on a steel winding tube.

## Dimensions

- max. height (H) ..... 6000 mm
- max. width (W) ..... 6000 mm
- max. surface area..... 36 m<sup>2</sup>
- strip height..... 71 mm
- strip thickness ..... 1 mm

## Surface treatment

- the aluminium strips are provided with a clear coating
- the steel strips are galvanised
- the steel lateral guides and consoles are galvanised
- the winding roller is finished with a primer

## Drive

The V80 roller shutter is equipped with an electric slip-on drive with built-in drop protection and standard control box with frequency control. The control box is mounted at 1500 mm height. The drive has emergency operation using a crank.

## Control and operation

The control system regulates a multitude of functions such as:

- adjustable open time
- service and run mode
- choice of permanently open or permanently shut

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

- operation by pull switch, key-operated switch, push-button, photocell, radar, induction loop detection or by radio control with transmitter and receiver

## Safety features

- the electrically driven rolling door has roll-off safety that keeps the door leaf in place in the case of defects with the drive or transmission
- a closing edge protection is optional <sup>1)</sup>

## Technical details electric drive

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

## Structural requirements and connections

For the electric drive with control box a wall socket (400V 3 ph / N + PE / 50Hz / 16A) must be present within 0.5 m at 1500 mm height to the left or right next to the door. A flat assembly frame and the required fitting space must be available.

## Options / accessories <sup>1)</sup>

- self-testing bottom safety edge
- aluminium strips available in customer-specified RAL coating (with the exception of fluorescent and traffic colours)
- remote control
- controls for automatic closing on timer
- red/green indication driving in and out

<sup>1)</sup> subject to surcharge

## Inspection

