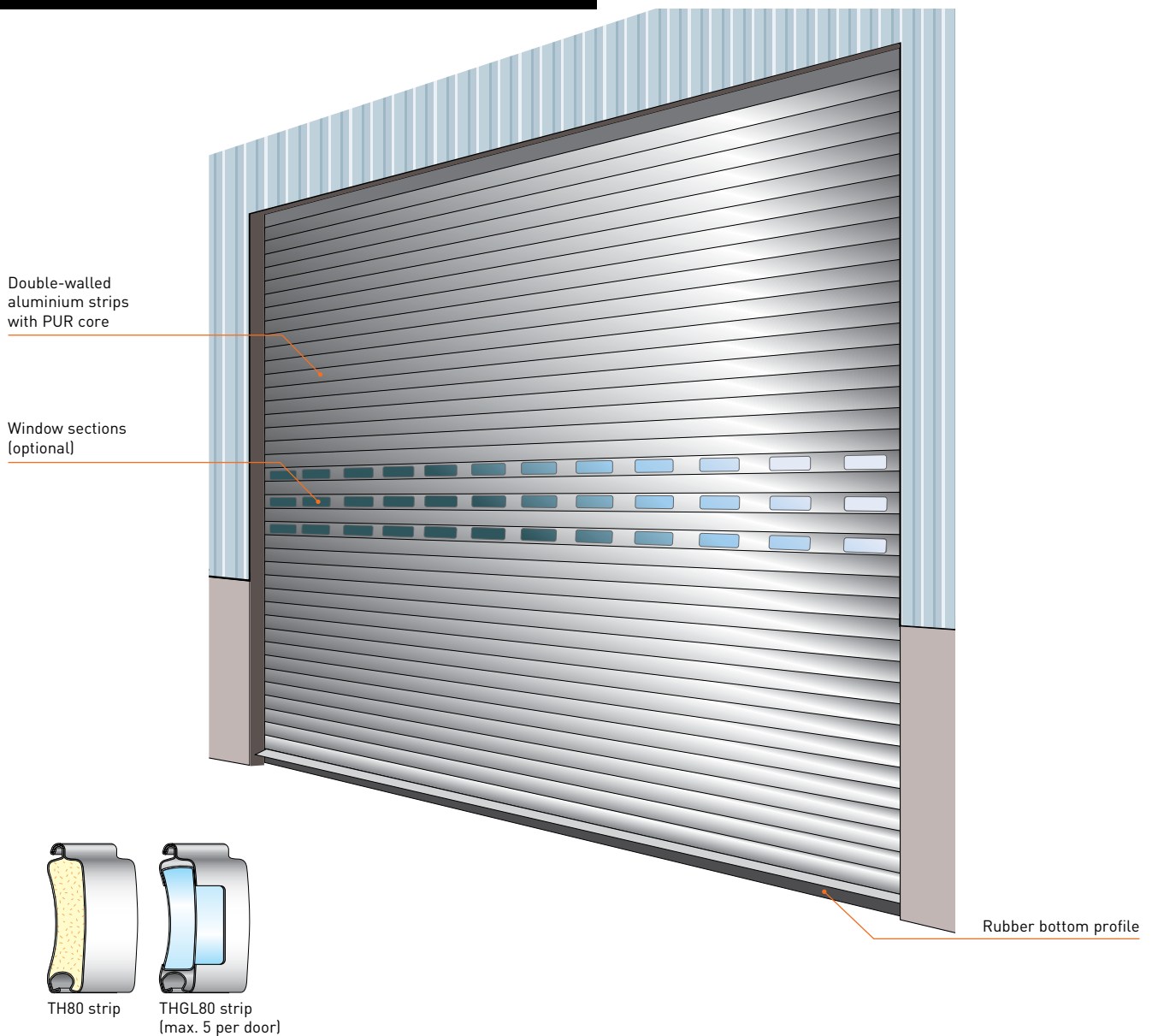


Insulated roller shutter

Cost-effective aluminium industrial door



NOVO[®]

80mm

The universal roller shutter

Properties

- suitable for large door sizes up to 40 m², max. W x H = 5000 x 8000 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
- use both inside and in the external facade
- various operating systems
- very reliable
- EN13241-1 compliant

NOVO[®]

80 mm

The 80 mm 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 insulated strips of 80 mm tall.

Dimensions	
max. width (W)	5000 mm
max. height (H)	8000 mm
max. surface area	40 m ²
strip height	80 mm
strip thickness	20 mm

Advantages

- solid frame construction
- by using a drive with frequency control the door opens smoothly and the time in the open position is reduced to a minimum
- strips are easy to replace
- low maintenance costs through simple technology and an easily accessible construction
- available in 5 standard colours without surcharge: RAL 7016, 9002, 9006, 9007 or 9010
- available in any RAL color of choice ¹⁾
- application of transparent strips is possible ¹⁾

Components and construction

The rolling door is made of horizontal strips consisting of an aluminium outer and inner shell with a CFC-free polyurethane (PUR) core. The strips 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.

Surface treatment

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

Drive

The 80 mm 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.

Protection

- 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 ¹⁾

Technical details electric drive

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

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



Available controls:

TS959, TS971, TS981

Structural provisions and connection (by others)

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 ¹⁾

- self-testing bottom safety edge
- strips with PVC windows
- 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

¹⁾ subject to surcharge