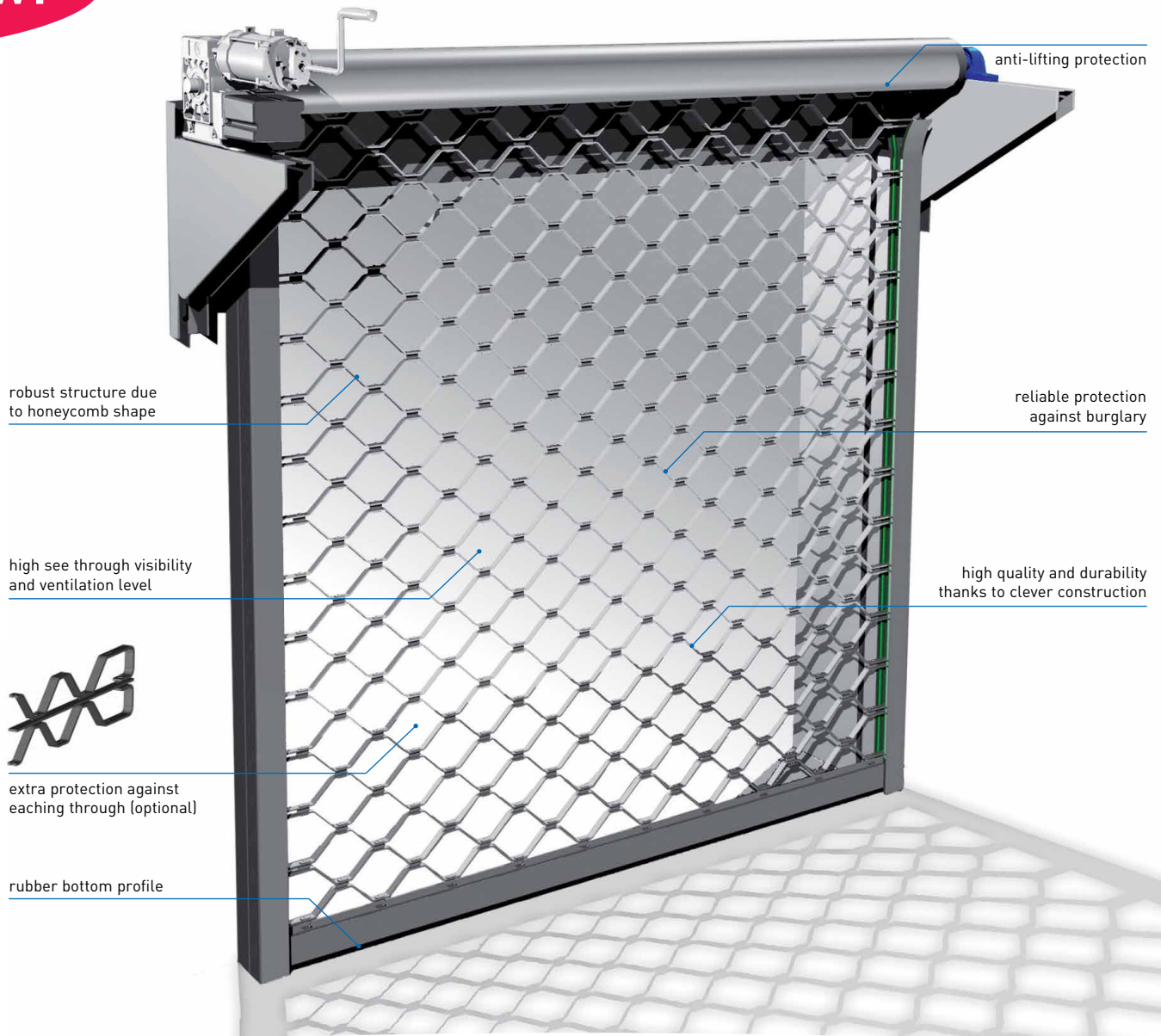


NEW!

Roller shutter



Rolling Grille

Robust structure due to honeycomb shape

Properties

- reliable protection against burglary
- the structure of sheet material transversely to the winding axis is extremely resistant to bending
- additional stability due to the honeycomb shape of the grille
- good visibility at very high air permeability;
(approximately 85% air permeability without cross bar, approximately 82% air permeability with cross bar)
- very durable (designed for a great number of cycles)
- EN13241-1 compliant

novoferm

Novoferm **Rolling Grille**

The Novoferm honeycomb rolling grille is a functional and highly reliable door, with various application possibilities. With its honeycomb structure, it has an extremely sturdy structure. The clever use of sheet material transversely to the bending axis provides additional stability, whilst preserving a very high air permeability. Even without cross bars they provide a very good protection against burglary in shop windows and shopping malls, or in busy areas with a lot of traffic, such as Parking garages. For increased security the addition of crossbars is the perfect solution.

Dimensions	
max. height (H) (standard)	6000 mm
max. width (W) (standard)	4250 mm
max. surface area (standard)	25,5 m ²
special sizes on request	

Components and construction

Novoferm honeycomb rolling grilles are made of firm metal strips, which are held together by connection joints. These are inserted into cut-outs in the metal strips. The relatively high number of honeycombs per square meter means higher manufacturing and material costs, but it is crucial for the high quality and durability of our honeycomb rolling grilles. The honeycomb rolling grilles can be used indoors and outdoors, they are excellent for reliable securing very large openings.

Honeycomb structure

The honeycomb forms have a horizontal width of about 185 mm and a vertical height of about 120 mm. The metal strips are available in 16, 18, 20 and 23 x 4mm. They are used for different gate widths (the wider the door, the wider the metal strip). The sizes 20 and 23 x 4 mm are used for very large widths. As a bottom beam an extruded aluminum bottom rail with bottom rubber is used.

Advantages

- reliable protection against burglary
- extremely resistant to bending due to the metal strips mounted transverse to the bending axis
- additional stability through honeycomb shape
- high air permeability:
approx. 85% without crossbar, approx. 82% with crossbar (allows good visibility and ventilation)
- can be used in high traffic areas
- standard with anti-lifting protection

Materials

- galvanized steel
- aluminium
- stainless steel
- reinforced aluminum (joints made of stainless steel)

Surface treatment

- the steel grilles are galvanized as standard
- the aluminum grilles are natural aluminium as standard
- coating in a RAL colour of choice
- anodized aluminum on request

Versions

- without crossbar, air permeability approx 85%
- with crossbar, air permeability approx 82%

Drive

The rolling grille is equipped with an electric slip-on drive with built-in drop protection and a control box. The drive has emergency operation using a crank.

Controls

The standard control box has an ON-OFF function and a deadman control, protection degree is IP54.

Safety features

The electrically driven rolling grille has a roll-off safety that keeps the door leaf in place in the case of defects with the drive or transmission.

Technical details electric drive

- power....400V 3 ph / N + PE / 50Hz / 16A
- degree of protectionIP 54
- duty cycle (Standard) ED S3 60%



Available controls: Deadman TS959, Impulse TS981

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 ¹⁾

- available in customer-specified RAL coating (with the exception of metallic and traffic colours)
- anodising for the aluminum version
- vibration dampeners on the top brackets
- bale and drive hood
- remote control
- traffic lights / beacons
- lockable bottom beam
- roller shutter slats at the bottom
- pulse control incl. all necessary safety devices
- sloping bottom rail
- emergency hand crank with universal joint

¹⁾ subject to surcharge