



Single-skinned
roller shutter

R15 Visual ProTect

R15 ProTect



Aluminium roller shutter ProTect® of the R15 series

The R15 series roller shutters are the perfect choice for shutter applications in which safety, economy and appearance play an important role.

The high-quality aluminium lamella are slightly curved, which, in addition to stability, also ensures that the shutter movement is smooth with minimum abrasion.

In the Visual version the shutter profiles are made of perforated sheet, resulting in a perfect combination: providing transparency whilst making it impossible to reach through.

The ideal profile geometry combined with high-quality components guarantees an attractive and durable, and therefore also economical shutter system.

We have been building roller shutters since 1978 and due to our experience we have become specialists who always rely on high-quality materials and carefully matched components. No compromises have been made with regard to safety:

The roller shutters are manufactured in accordance with the high requirements of European standards.

They are certified according to DIN EN 13241-1 as standard.



FEATURES

- › Ventilation cross-section of 30% (Visual only)
- › Unobstructed view whilst impossible to reach through (Visual only)
- › Curved lamella surface for ideal shutter operation
- › Solid and perforated lamellas can be combined
- › Complies with the European standard DIN EN 13241-1

APPLICATIONS

- › Shop windows
- › Shopping arcades
- › Shop-in-Shop
- › Retail
- › Shopping centres

Quality and security



Quality and durability

The attractively shaped R15 profiles are connected to each other by moulded hinges and laterally locked by end pieces made of hard PVC. The use of high-quality components is just as important as the overall safety concept. High-quality brings durability and therefore security for your investment.

Transparency and security

Protects your shop window or shop whilst displaying the goods on offer.

The fine 3.2 mm perforation used on the Visual model is impenetrable. However, in the correct light the show window can be clearly seen.

The result is the perfect combination of transparency with inaccessibility.

Closed and locked

A manual locking bar secures the door with pins in both side guides. It can be operated from the inside or outside and can be locked via a standard lock cylinder. The drive is automatically switched off for safety reasons.



R15 Visual lamella



R15 lamella

Additional equipment



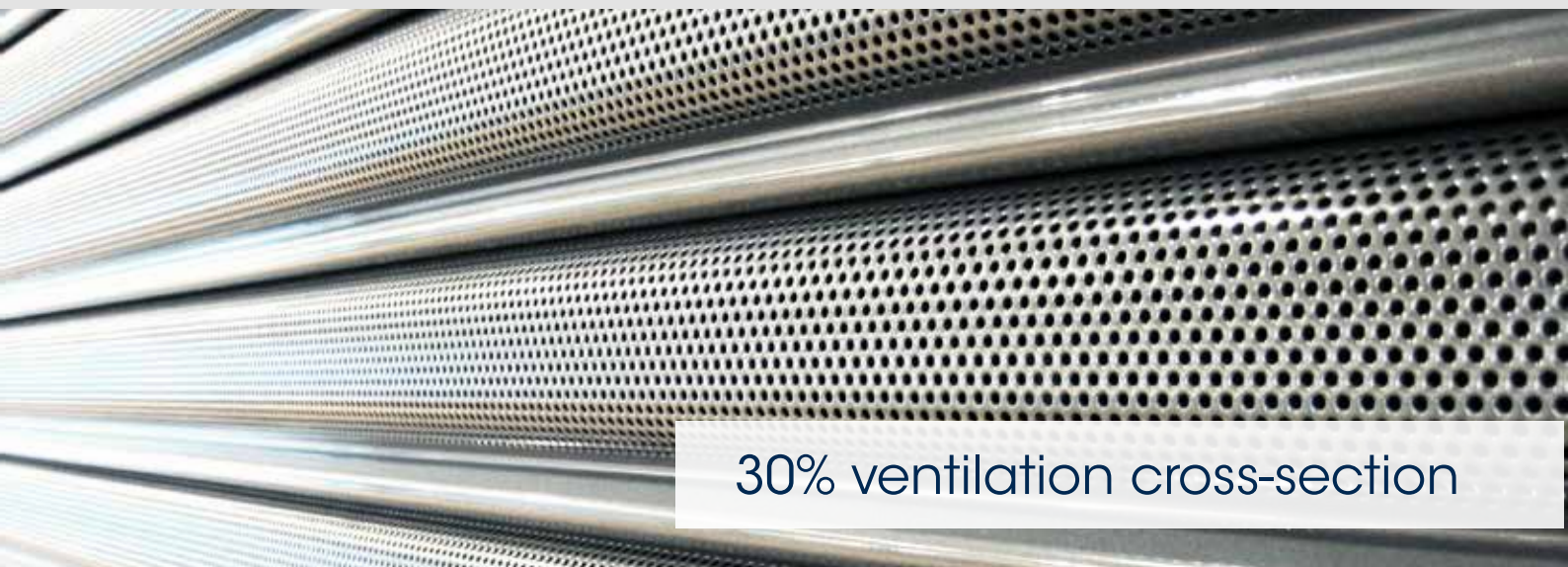
Roll-up system

Functionality and design

- › Acoustic decoupling ProSilence® (patent pending)
- › Side shutter in identical look
- › Fixed parts in the identical look
- › Inclined, stepped and lockable bottom rail
- › Roll-up system for perfect winding the curtain with larger shutters
- › Various DIN compliant panic fittings
- › External installation with an attractive protective case
- › Various pulse generators (buttons, radio controls, radar sensors, induction loops, etc.)
- › Veneers in aluminium and steel
- › Coatings in RAL/DB colours and adonisation in silver and bronze



Lockable bottom profile



30% ventilation cross-section

The Visual effect

full transparency - but only from the inside!



Installation variants



Installation variant behind the reveal



Installation variant with a lintel cover



Installation variant between the reveal

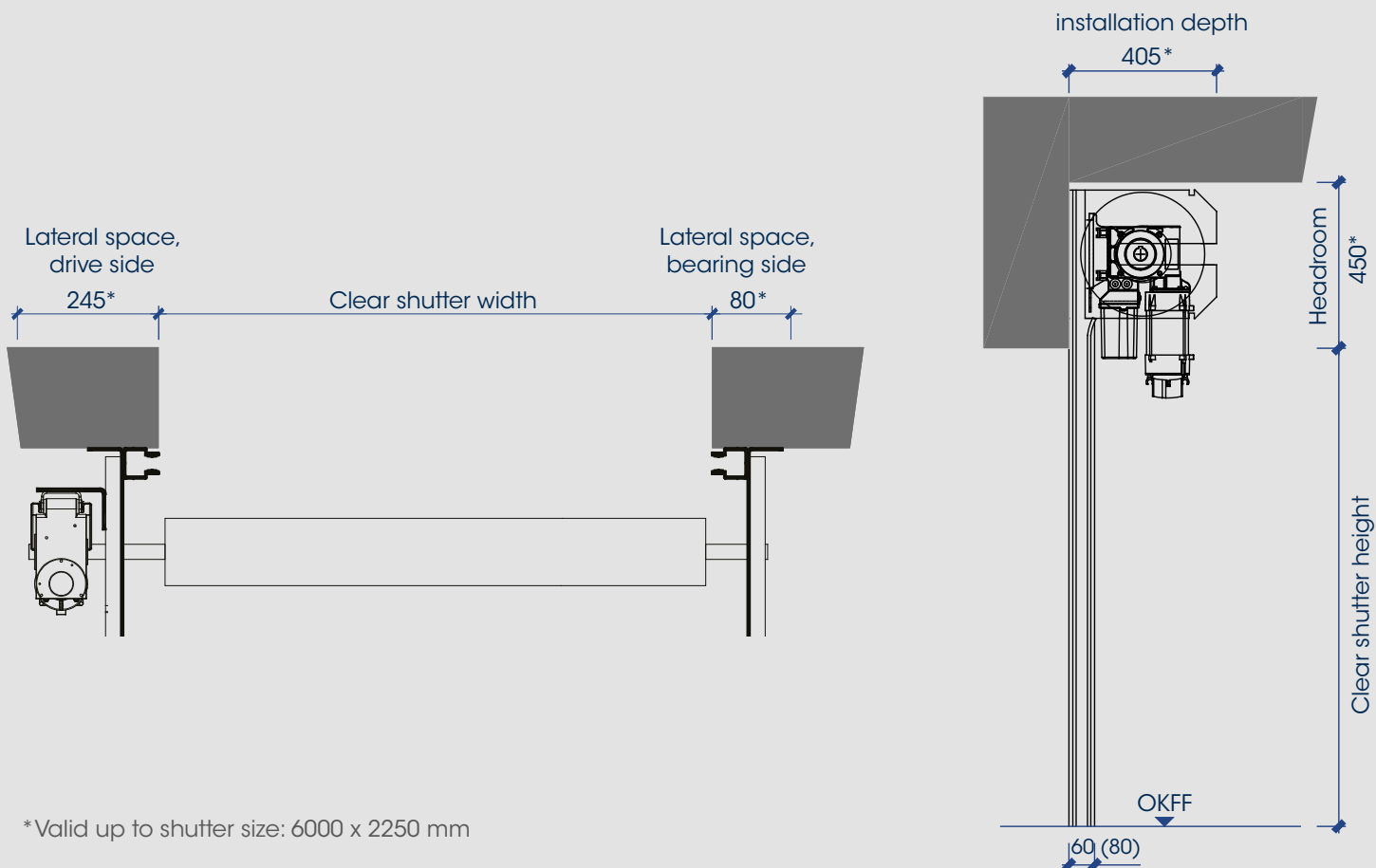


Installation variant exterior mounting



Installation variant with a side door

Installation sketch with a direct mount drive / behind the reveal



*Valid up to shutter size: 6000 x 2250 mm

Further technical details can be found in our *technical brochure for roller shutters*.

Technical specifications	R15 Visual ProTect	R15 ProTect
Shutter curtain material	aluminium	aluminium
Shutter curtain surface finish	natural	natural
Material thickness	1,0 / 1,25 mm	1,0 / 1,25 mm
Weight of shutter curtain	4,0 / 4,7 kg/m²	4,1 / 4,8 kg/m²
Ventilation cross-section, approx.	30 %	-
Hole diameters	3,2 mm	-
Speed (Ø)	0,19 m/s	0,19 m/s
Maximum shutter width¹	6.000 mm	6.000 mm
- in the interior	12.000 mm	12.000 mm
Maximum shutter height¹	7.000 mm	8.000 mm
Guide rail dimensions²	70 x 60 mm	70 x 60 mm
Bottom rail height	105 mm	105 mm
Minimum lintel requirement²	450 mm	450 mm

1 = other sizes on request

2 = depends on the size of the shutter



Promotec Mischler Torsysteme GmbH
Am Reitplatz 1
D-77731 Willstätt Legelshurst

Fon: +49-7852-9113-0
Fax: +49-7852-9113-66
info@promotec-mischler.com