



Single-skinned
roller shutter

R15 Visual ProPark[®]
R15 ProPark[®]



Aluminium roller shutter ProPark® 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 travel
 - › Solid and perforated lamella can be combined
 - › Complies with the European standard DIN EN 13241-1

- APPLICATIONS**
- › Underground garages
 - › Multi-storey car parks
 - › Multi-car garages
 - › Parking decks
 - › Courtyard crossings

Standard equipment



The **ProPark®** series is a shutter system that has been specially developed for use in multi-car garages.

It has everything that a shutter needs for this application.

- › Maximum operational safety (public use)
- › The highest durability and continuous function
- › Long service life with low maintenance costs
- › Extremely smooth running
- › Efficient noise reduction

All of the safety devices used are type-tested. The **ProPark®** control checks the function of these components before each shutter operation.

The most important standard features

- › Bolted construction throughout, therefore very service-friendly
- › **ProPark®**- support system > self-supporting, small space requirement, protected with a collision guard
- › Guide rail and light barriers completely integrated
- › Concealed cabling
- › Protection against vandalism and damage
- › Protection against soiling
- › The shutter continues to function even in the event of minor collision damage
- › **Tested to 500,000 cycles**
- › Automatic control fully equipped for underground garages

The safety devices are tested before each actuation, adjustable automatic function, oncoming traffic control, garage light control, recording of external pulses (e.g. BMA)



R15 Visual lamella



R15 lamella

Additional equipment



Identical look side door



Roll-up system

Functionality and design

- › Acoustic decoupling system **ProSilence®** - patent pending (see below)
- › Side door in identical look
- › Fixed parts in the identical look
- › Inclined, stepped and lockable bottom profile (also electromagnetic)
- › Roll-up system for perfect curtain winding (esp. for 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.)
- › Facings in aluminium and steel
- › Coatings in RAL/DB colours and adonisation in silver and bronze

ProSilence® Acoustic decoupling system

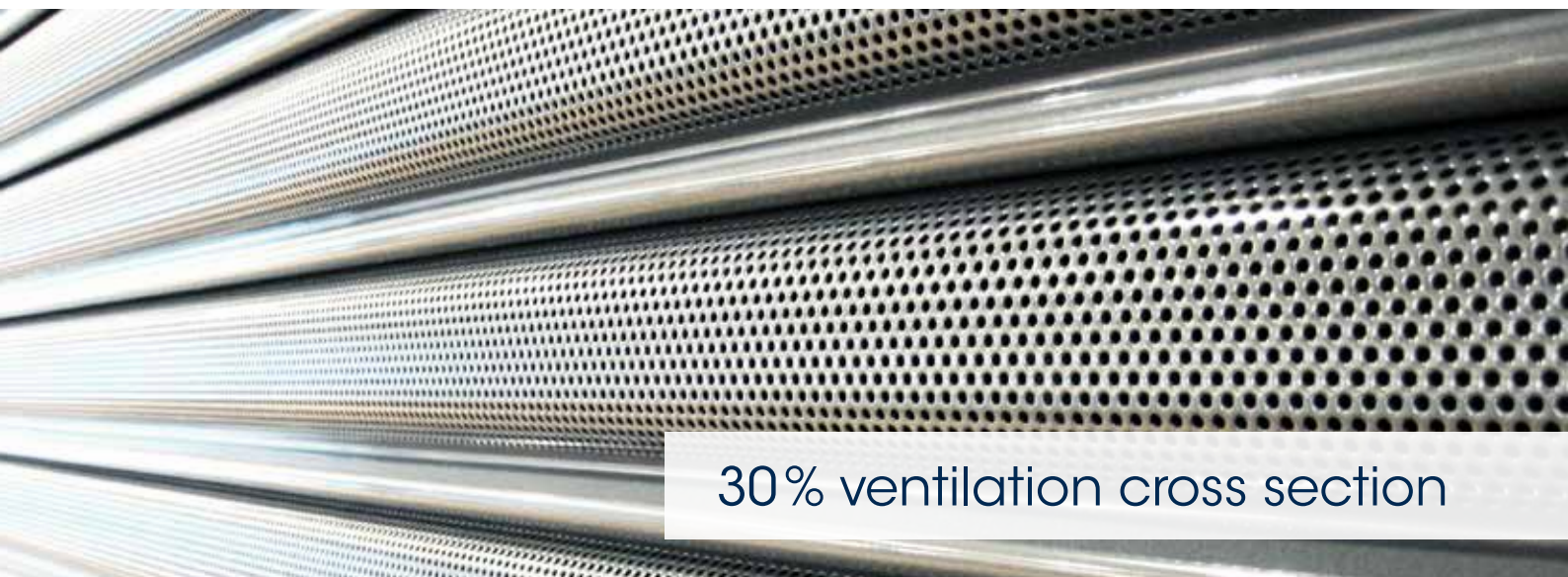
patent pending



- › EPDM rubber element with steel sleeve
- › Bearing diameter: Internal 29 mm / external 50 mm
- › Steel core with 10.5 mm bore for bolts up to M10
- › Mounting bracket: 60 x 80 x 2 galvanised steel

59 % less structure-borne sound transmission

This result was determined and certified by an engineering office.



30% ventilation cross section

The Visual effect full transparency - but only from inside!



Installation variants



Installation variant behind the reveal



Installation variant with a lintel cover



Installation variant between the reveal

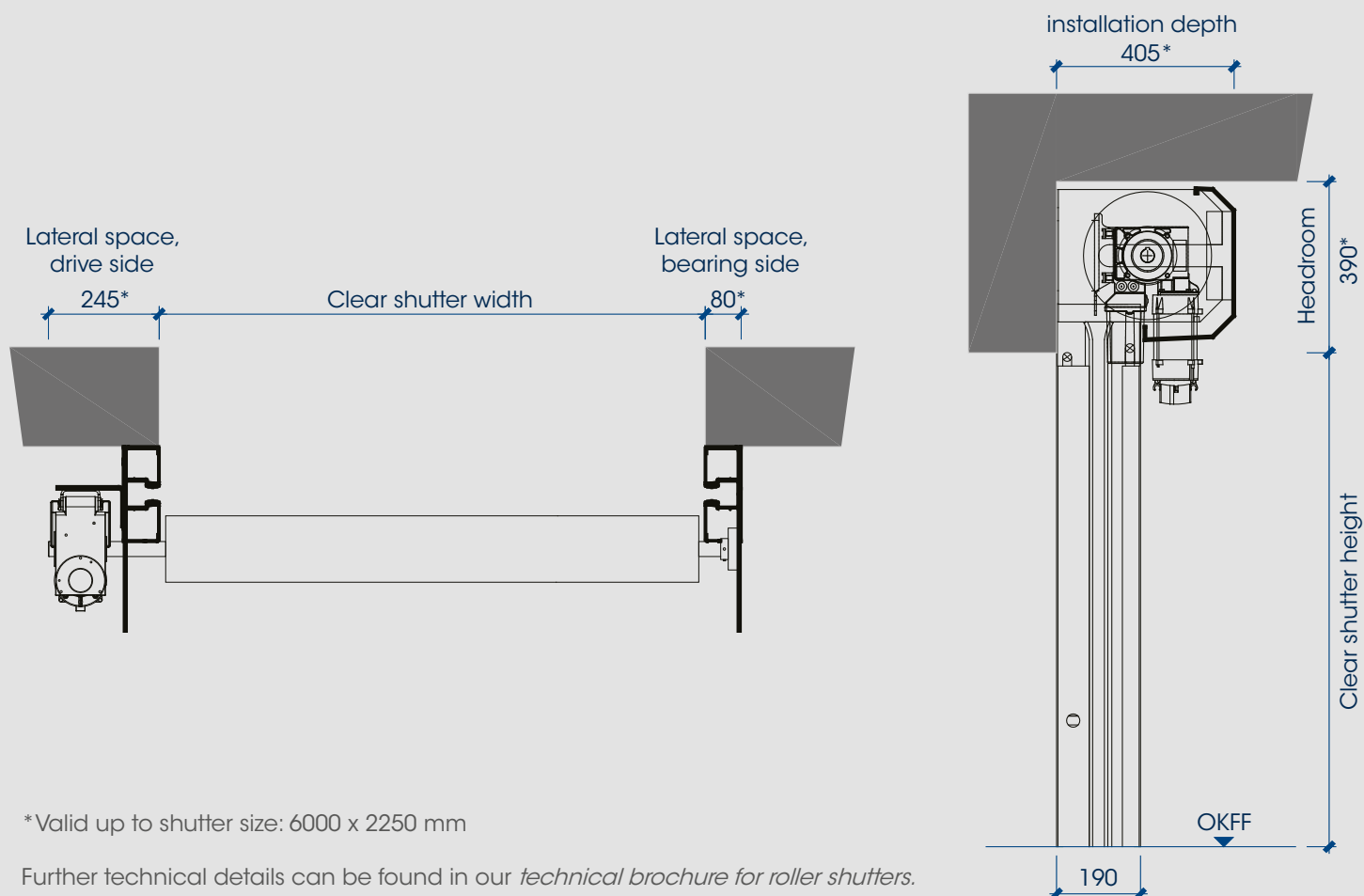


Installation variant exterior mounting



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 ProPark®	R15 ProPark®
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 width ¹	6.000 mm	6.000 mm
- in the interior	10.000 mm	10.000 mm
Maximum shutter height ¹	5.000 mm	5.000 mm
Dimensions collision protection	72 x 190 mm	72 x 190 mm
Guide rail dimensions	70 x 60 mm	70 x 60 mm
Bottom rail height	105 mm	105 mm
Minimum lintel requirement ²	390 mm	390 mm

1 = other sizes on request

2 = depends on the size of the shutter

