



Double-skinned
roller shutter

R30 ProPark[®]
R30 ProTect



Double-skinned roller shutter ProPark® of the R30 series

Double-skinned aluminium roller shutters

The intelligent lightweight profile made from a coil-coated aluminium surface which, with its smooth but slightly curved structure, appears very modern and yet classic. The robust surface and the PU foam filling, which effectively reduces heat loss, are the main features of this profile. The R30 profile passed the 500.000 cycle service life test on our test bench with ease.

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

- › Low-noise shutter running
- › Elaborate collision protection
- › Integrated safety devices
- › 500,000 cycles tested
- › Complies with the European standard DIN EN 13241-1

APPLICATIONS

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



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).



R30 lamella



R30 lamella with window

Additional equipment

R30 Speed



Functionality and design

- › Acoustic decoupling **ProSilence®** - patent pending (see below)
- › Identical look side door
- › Fixed parts in the identical look
- › Inclined, stepped and lockable bottom profile
- › Roll-up system for perfect curtain winding (esp. for larger shutters)
- › Various DIN compliant panic fittings
- › External installation with an attractive protective casing
- › Various pulse generators (buttons, radio controls, radar sensors, induction loops, etc.)
- › Facings in aluminium and steel
- › Window, grid and ventilation profiles

Fast and safe

- › High maximum speed of 0.5 m/s (closing speed 0.20 m/s)
- › Frequency converter drive technology, Soft-Start and Soft-Stop
- › Tested safety devices ensure operational safety even at high speeds

ProSilence® Acoustic decoupling

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.

R30 ProTect



The R30 roller shutter is also ideal for use as a small to medium-sized industrial shutter.

The standard coated surface, the beautifully shaped lamella and the durable construction safeguard your investment.

Other beneficial properties are the low lintel requirement and very low abrasion.



Installation variants



Installation variant behind the reveal



Installation variant with a lintel cover



Installation variant between the reveal

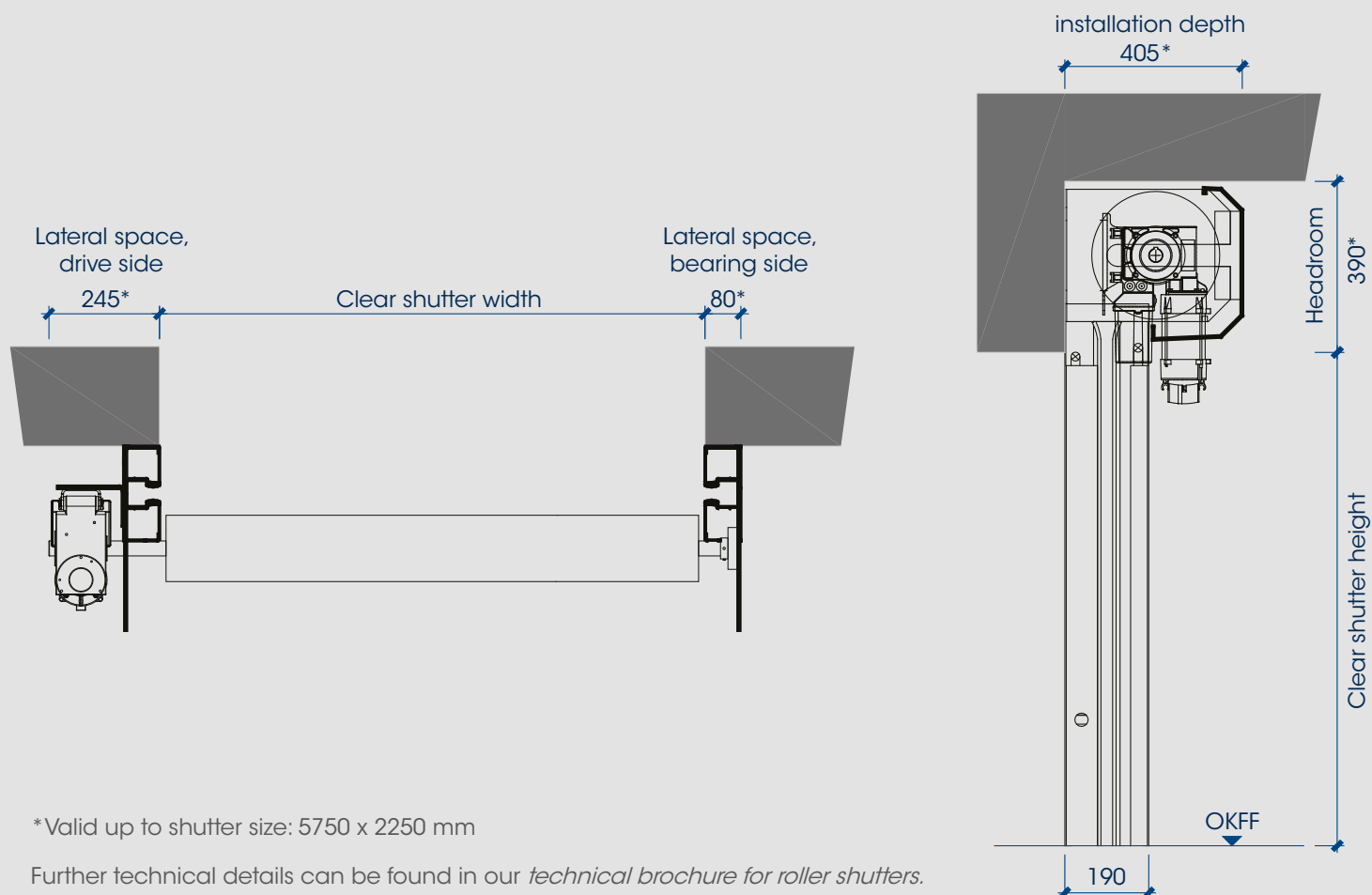


Installation variant exterior mounting



Installation variant with a side shutter

Installation sketch with a direct mount drive / behind the reveal



*Valid up to shutter size: 5750 x 2250 mm

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

Technical specifications	R30 ProPark®	R30 ProTect
Shutter curtain material	aluminium	aluminium
Shutter curtain	coil coated	coil coated
Material thickness	0,7 mm	0,7 mm
Weight of shutter curtain	7,5 kg/m²	7,5 kg/m²
Profile height (visible)	85 mm (75 mm)	85 mm (75 mm)
Profile depth	20 mm	20 mm
Speed (Ø)	0,19 m/s - (0,5 m/s)	0,19 m/s - (0,5 m/s)
Maximum shutter width	5.750 mm	5.750 mm
Maximum shutter height	5.000 mm	5.000 mm
Maximum shutter surface area	16 m²	16 m²
Dimensions collision protection	72 x 190 mm	-
Side guides dimensions	70 x 60 mm	70 x 60 mm
Bottom profile height (visible)	17 mm (9 mm)	17 mm (9 mm)
Minimum lintel requirement¹	390 mm	450 mm

¹ = depends on the size of the shutter

