



Secure

Durable

Energy-saving

Surface-mounted roller shutter VR150

You want your house to keep in the heat in winter, and stay comfortable and cool on hot days. Roller shutters not only **shut out the outside light**, they also reduce street noise. Add to that the additional **privacy** factor, and an **increased sense of security**, which means you will never want to be without your shutters again!



**SQUARE BOX:
MORE CHOICE,
MORE DESIGN!**

Unique properties: surface-mounted roller shutter VR150

Acoustic insulation against driving rain

Durable padding to protect against scratches

Plenty of choice of box types: bevelled, square or rounded

Positive impact on your home's energy performance

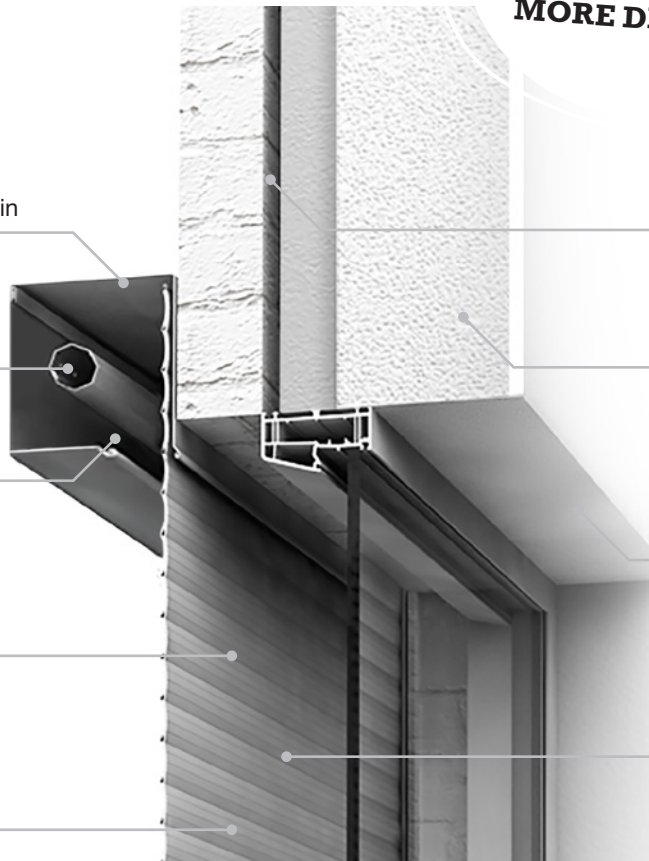
Choice of slats with or without light and ventilation slots. Please note! Roller shutters do not always completely obscure incoming light

No perforation of the building shell

Ideal for newbuild and renovation

Comprehensive security package for a greater sense of security

Choose from a range of slat types and colours depending on the area of your window and your taste



Roller shutters that perfectly match your exterior joinery

All RAL colours at a standard price.
Harol also offers the standard textured coating colours from these window manufacturers at no extra cost:

K-7 RAL range



aliplast
aluminium systems

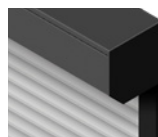


sapa:
buildingsystem
ARCHITECTURAL ALUMINIUM SOLUTIONS

Finstral

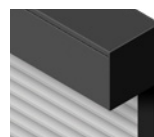
The perfect box for every roller shutter

Bevelled box



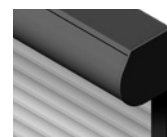
Available sizes:
137x137, 150x150,
165x165, 180x180,
205x205, 230x230

Square box



Available sizes:
150x150, 165x165,
180x180, 205x205

Rounded box



Available sizes:
150x150, 165x165,
180x180, 205x205

The perfect guide rail for every situation

Flat rail



For added comfort



Perfectly matches the rounded box



For peace of mind



Ideal to place on the window frame

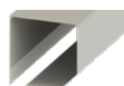


For installation in the window opening



Opt for additional security

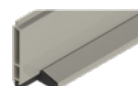
Extrusion box



Slat ALU42S



Bottom slat + safety foot



Suspending spring with padding



Security guide rail



Slats for additional security and insulation

Type	PVC37	PVC MIDI	ALU35	ALU37	ALU42	ALU42S	ALU42TH
Maximum surface area	3 m ²	5 m ²	6 m ²	8 m ²	10 m ²	11 m ²	7 m ²
Slat thickness	7.8 mm	9 mm	8.85 m ²	8.5 m ²	9 m ²	9 m ²	8.5 m ²
R-value	0,19 m ² K/W	0,21 m ² K/W	0,14 m ² K/W	0,15 m ² K/W	0,16 m ² K/W	0,16 m ² K/W	0,25 m ² K/W

Super insulating!

Operating methods

- » Standard wireless two-way control (io)
- » Silensio wireless two-way control (io)
- » Wireless one-way control (RTS)
- » Solar wireless one-way control (RTS)
- » Cabled control
- » Manual control



Maximum dimensions

- » Max. width: 4.2 m
- » Max. height: 3 m
- » Max. area: 11 m²



HAROL[®]

SUN PROTECTION • OUTDOOR LIVING • ROLLER SHUTTERS • GARAGE DOORS