

## SPECIFICATION DATA – VR150 ROLLER SHUTTER

### APPLICATION

External insulated roller shutters to reduce solar gain; suitable for retrofit/new build projects where maintenance access is required from the front of the box. Ideally suited for inward opening, lifting, and sliding windows and doors.



### DESCRIPTION

The VR150 insulated aluminium roller shutters retract into a box above the glazing and is pin mounted onto side guides. The box is made from stripped, profiled, and folded aluminium and the side guides and end rail from extruded aluminium, all of which can be RAL colour matched to the window frame or façade. The blind curtain is comprised of foam filled laths with a choice of light and ventilation slots.

### FEATURES AND BENEFITS

- Improves energy performance
- Acoustic insulation
- Protects the window
- Suitable for installation inside and outside the reveal
- Manual and motorised operation
- Option for slats with light or total blackout fabric
- Option for integrated insect screen
- Window size (maximum) 11m2 – consult supplier for specific dimensions

### GENERAL INFORMATION

Uniclass	Pr_30_59_84_73
CAWS	L20/610 Roller shutters/curtains L10/680 Solar shading system N10/240 Blinds L10/59 Solar shading system
Product range	Sun Protection Screen/Vertical

Product Reference	VR150
Shutter curtain	
Lath material	Option of 35mm, 39mm and 42mm slats made from double walled, foam-insulated aluminium.
	Light and ventilation slot options: -Without light (code 0) -1/3 light (code 1) -1/2 light (code 2) -2/3 light (code 3) -1/1 light (code 4) with 7 solid slats at the top and remainder with light and ventilation slots.
Finish and colour	Polyester power coated and colours available in all slat sizes:  Traffic white - RAL 9016 White - RAL 9010 Bright grey: RAL 7038 Brown - RAL 9014 Alu Metallic - RAL 9006 Light beige – code A11 Cream white – RAL 9001 Aluminium grey – RAL 9007 Light grey – RAL 7035 Anthracite grey – RAL 7016 Golden oak – Code A83  More colours available depending on choice of lath
Frames & guides	Headbox The box (square, bevelled or rounded) is made of strip, profiled, and folded aluminium, powder-coated, and RAL colour matched. The box dimensions are 137 x 137, 150 x 150, 165 x 165, 180 x 180, 205 x 205, 230 x 230 mm (based on the rolled-up size of the slat curtain). Option for bevelled box in extruded aluminium  Side guides 53 x 22mm or 45 x 22mm side de guides as standard in extruded aluminium, power-coated and RAL colour matched.  Bottom slat The bottom lath is made of extruded aluminium with rubber seal, comes in the same colour as the box.
Operation	The operating side is always stated as viewed from the inside. Choice of operating exits at top, back, bottom and front of box.  1) Manual: Crank handle operation 2) Motorised

	Electric: Operation consists of a built-in, asynchronous tubular motor with adjustment buttons for determining the up and down position.
Wind resistance	Class 2
Product Options	Wired in motors, solar powered motors, integrated insect screens, options for enhanced security

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