

Automatically controlled movement **MCA**

The name of MCA has gathered over 13 years of experience, 90 persons involved in the production and distribution activities and the continuous desire of improvement.

The product offer is improved and extended with assembly services, technical support and specialized service.

The development strategy is directed towards establishing partnerships with the architecture bureaus, construction companies and entrepreneurs.

The products that we can provide in a high quality condition, good prices and with short delivery term are:

- Sectional and roller garage doors
- Industrial sectional doors
- Dock levellers and dock seals
- Fireproof doors and industrial roller shutters
- Automation systems for gates
- Window roller shutters
- Insect nets.

Aluminium Roller Shutters With Thermal Protection



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ROLLER SHUTTERS



Benefits

Shadow Protection against the effect of sun glare.
Flexibility in dosing natural light.
Protects furniture and interior decoration from ultraviolet rays.

Constant temperature Prevents excessive heating in the house during hot summer days.
Prevents heat loss in the wintertime.

Restful sleep It ensures the silence and obscurity necessary when you want to rest.

Privacy Protects from any prying eyes, especially when windows open towards the street or to a neighboring house.

Safety Provides comfort and security by protecting against intrusion attempts.

Operating

Ribbon



Remote control



Crank



Wall mounted switch with LCD display



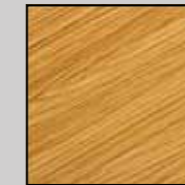
Colors for 37mm aluminium slats



White
900 - RAL 9016



Beige
919 - RAL 1015



Light Wood
915



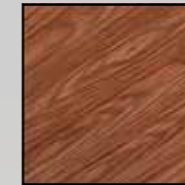
Golden
920



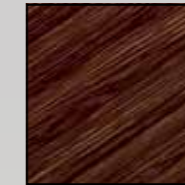
Silver
916 - RAL 9006



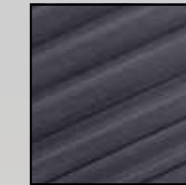
Grey
901 - RAL 7038



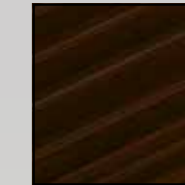
Dark Wood 1
907



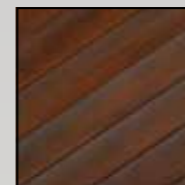
Dark Wood 2
910



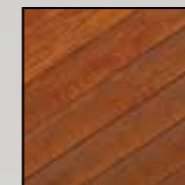
Metalic Grey Rafaello
911 - RAL 7015



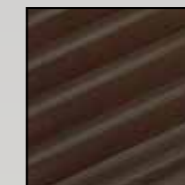
Dark Brown
921



Walnut
925



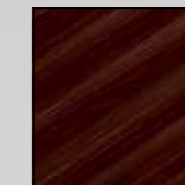
Golden Oak
924



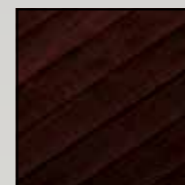
Brown red
912 - RAL 8017



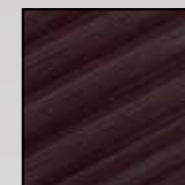
Brown
903 - RAL 8014



Mahogany
926



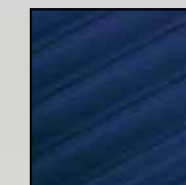
Wenge
928



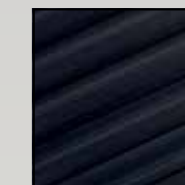
Bordeaux Metallic
914 - RAL 8016



Green
906 - RAL 6005



Blue
904 - RAL 5010



Anthracite Grey
957 - RAL 916

Colors for 55mm aluminium slats



White
900 - RAL 9016



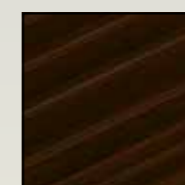
Silver
916 - RAL 9006



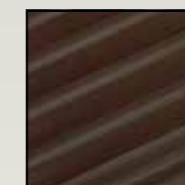
Beige
919 - RAL 1015



Grey
901 - RAL 7038



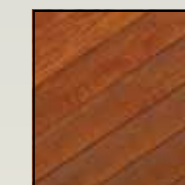
Dark Brown
921



Brown
903 - RAL 8014



Dark Wood 1
907



Golden Oak
924



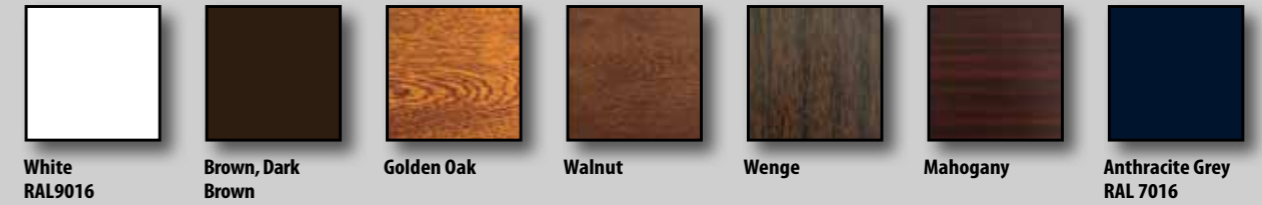
TOP-MOUNTED ROLLER SHUTTERS

UNIBOX

MCA UNIBOX roller shutters allow installation of the box on top of the window frame. Boxes can be finished and brought to the same color as the walls inside, and with those outside. UNIBOX PLUS roller shutters allow opening the bottom of the box for an easy maintenance without damaging finishes.

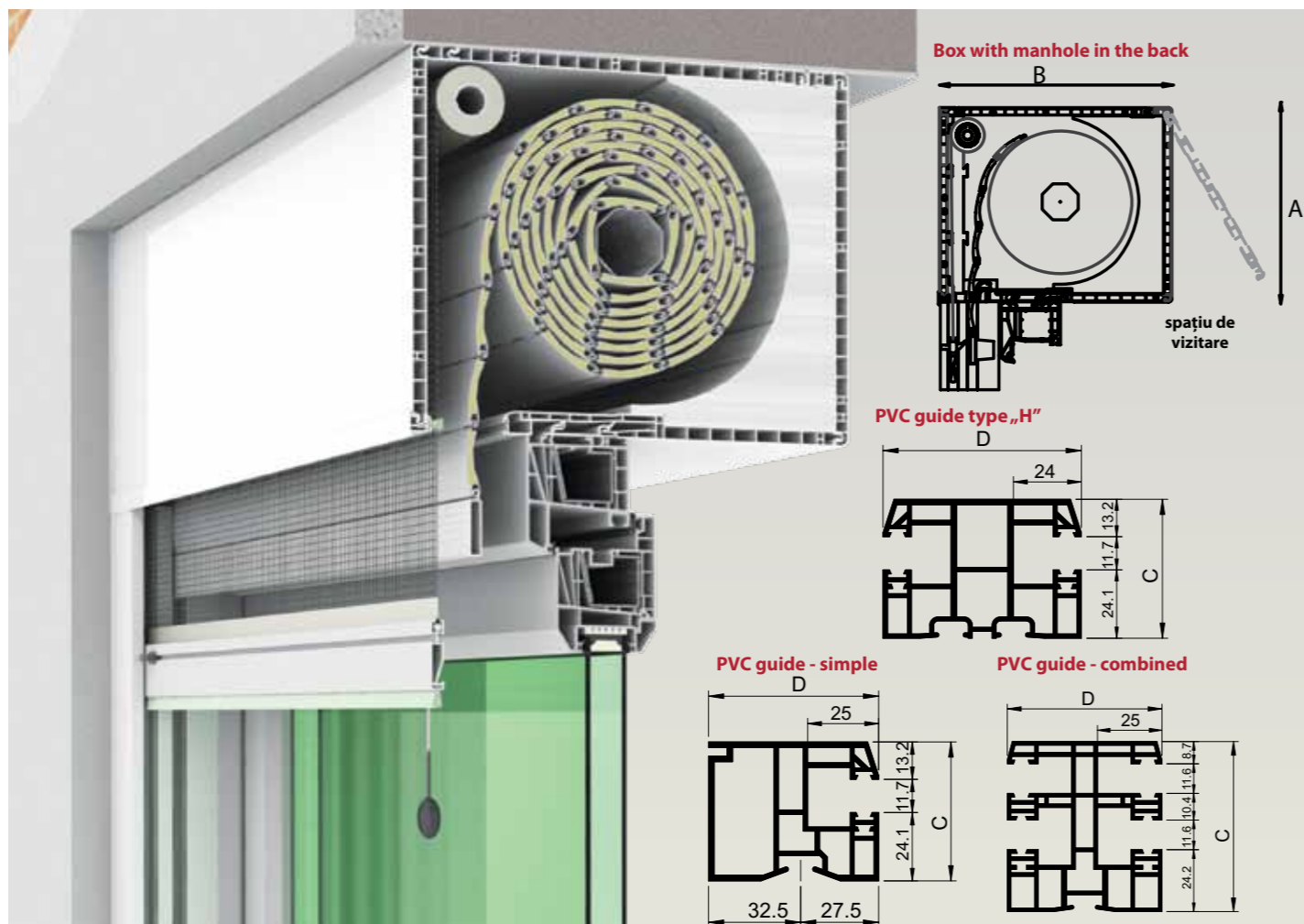
Top-mounted roller shutters - UNIBOX									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	155 mm	180 mm	49 mm	60 mm and 70 mm „H”	2600 mm	1600 mm	1350 mm	2.5 sqm	5 sqm
	181 mm	206 mm				2250 mm	2150 mm		
	220 mm	245 mm				3600 mm	3400 mm		
Top-mounted roller shutters - UNIBOX with integrated insect system									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	155 mm	199 mm	66,5 mm	60 mm	2600 mm	1350 mm	1150 mm	2.5 sqm	5 sqm
	181 mm	224 mm				2250 mm	2150 mm		
	220 mm	263 mm				2500 mm	2500 mm		

Colors for boxes and guides for UNIBOX

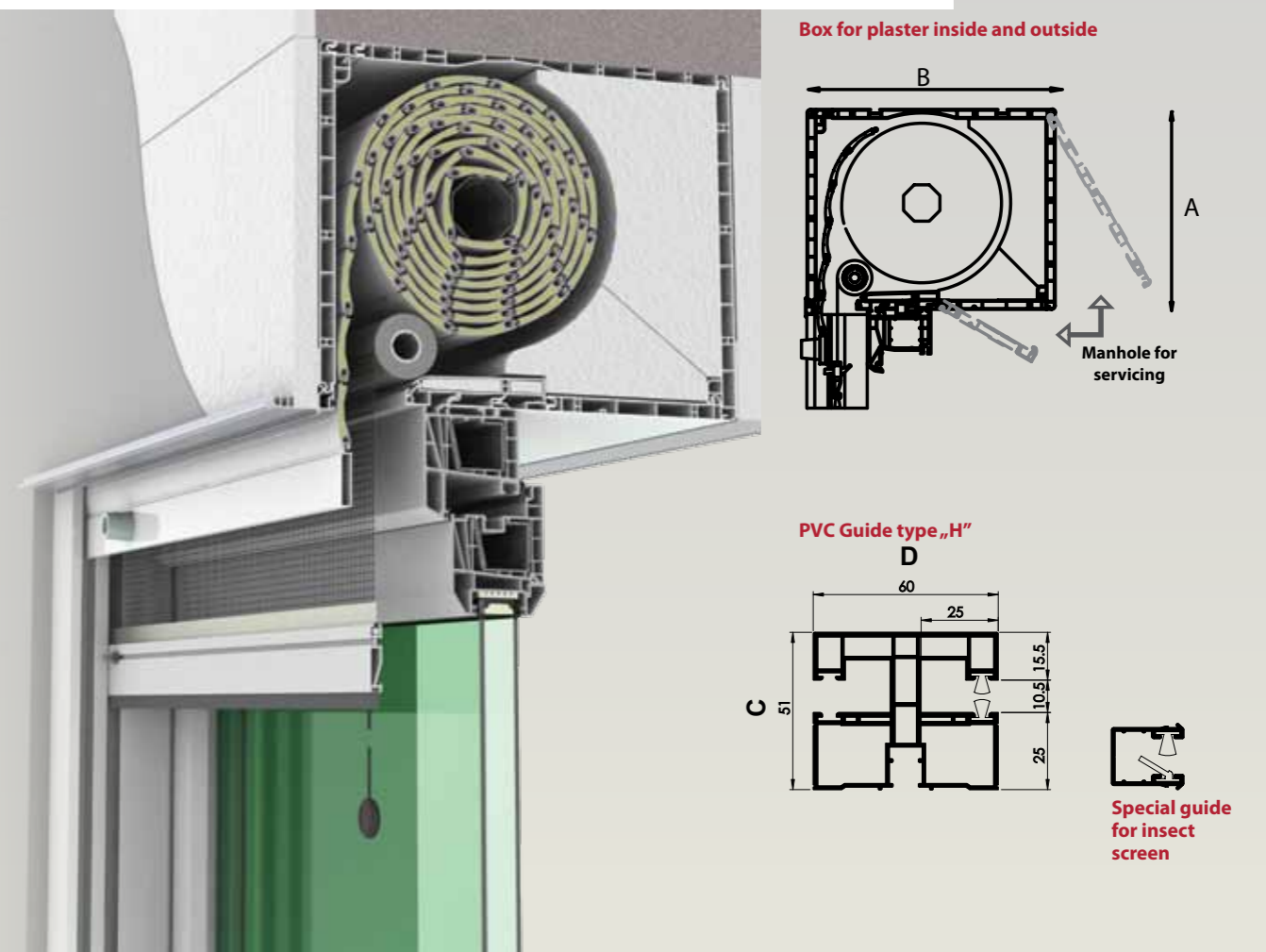


Top-mounted roller shutters - UNIBOX PLUS									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37	175	220	49	60 70 „H”	2600	1550	1330	2.5 sqm	5 sqm
	200	220				2660	2360		
	240	255				4250	4030		
Top-mounted roller shutters - UNIBOX PLUS with integrated insect system									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37	175	220	66,5	60	2600	1550	1330	2.5 sqm	5 sqm
	200	220				2660	2360		
	240	255				4250	4030		

UNIBOX - section



UNIBOX PLUS - section





EXTERNAL BOX ROLLER SHUTTERS

Colors for box and guides for OUTBOX roller shutters

OUTBOX

MCA OUTBOX roller shutters is the ideal solution for the installation on existing window frames. The design of these two types of boxes harmonizes perfectly with the rest of the façade details that are fitted on.



External box roller shutters OUTBOX, 45 degrees box									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	138 mm	138 mm	22 mm	53 mm - and 85 mm - „H”	2600 mm	1670 mm	1500 mm	2.5 sqm	5 sqm
	150 mm	150 mm				2150 mm	1850 mm		
	165 mm	165 mm				2800 mm	2500 mm		
	180 mm	180 mm				3180 mm	2880 mm		
	205 mm	205 mm				3900 mm	3500 mm		
External box roller shutters OUTBOX, 45 degrees box with integrated insect system									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	138 mm	138 mm	39 mm	53 mm	2600 mm	1100 mm	800 mm	2.5 sqm	5 sqm
	150 mm	150 mm				1530 mm	1330 mm		
	165 mm	165 mm				2170 mm	1730 mm		
	180 mm	180 mm				2500 mm	2500 mm		
	205 mm	205 mm				2500 mm	2500 mm		

External box roller shutters OUTBOX, semi-round box									
Slat	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	138 mm	138 mm	22 mm	53 mm 85 mm - „H”	2600 mm	1670 mm	1500 mm	2.5 sqm	5 sqm
	165 mm	165 mm				2700 mm	2450 mm		
	180 mm	180 mm				3270 mm	3050 mm		
External box roller shutters OUTBOX, semi-round box with integrated insect system									
Lamelă	Box dimension		Guide dimension		Maximum width	Maximum height		Maximum surface	
	A	B	C	D		Ribbon	Crank/Spring/Electrical	Ribbon	Crank/Spring/Electrical
37 mm	138 mm	138 mm	39 mm	53 mm	2600 mm	1100 mm	800 mm	2.5 sqm	5 sqm
	165 mm	165 mm				2340 mm	2060 mm		
	180 mm	180 mm				2500 mm	2350 mm		

OUTBOX, 45 degrees box - Section

OUTBOX, semi-round box - Section

55 mm slat

63, 55, 14

37 mm slat

43.3, 37, 7.6

Slat	Box dimension		Without insect screen	
	A	B	Electrical (button or remote control)	Maximum height
55 mm	205 mm	205 mm	1920 mm	7 sqm
	250 mm	250 mm	3380 mm	8 sqm
	300 mm	300 mm	4300 mm	8 sqm

45° box

A, B

Manhole for servicing

Aluminium guide - simple

D, 26.2, C, 15

Aluminium guide - type „H”

D, 26.2, C, 15

Semi-round box

A, B

Manhole for servicing

Combined guide for roller shutters with integrated insect system

D, 26, C, 11, 15, 39