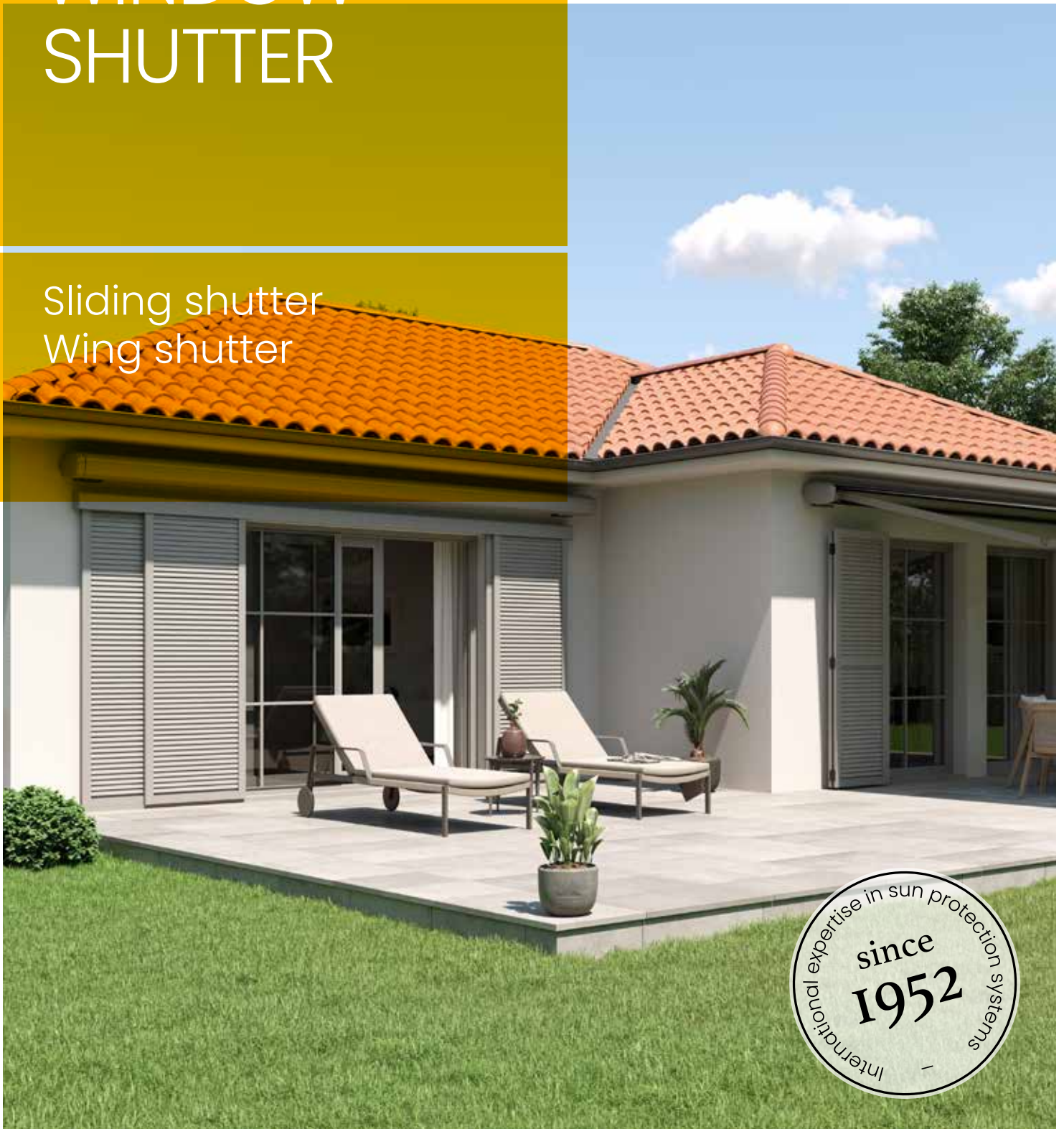


WINDOW SHUTTER

Sliding shutter
Wing shutter



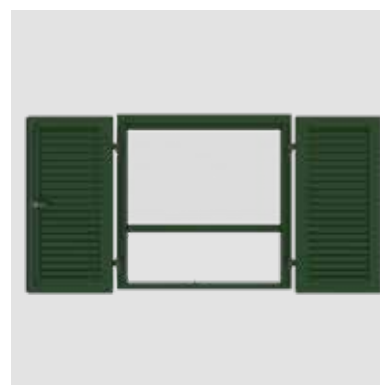
OPEN AND SHUT



FL-S Sliding shutter with track and guide rail single or multi-leaf, made from aluminium



FL-M Wing shutter with mounting frame. Single or multi-leaf, made from aluminium, attached to a mounting frame.



FL-MIS Wing shutter with mounting frame for insect screen. Single or multi-leaf, made from aluminium, attached to a mounting frame. Prepared for installation of an optional insect screen.



ADVANTAGES

CLASSIC SHADING

Window shutters give your façade the perfect look and make an impact as an architectural design element for every façade. When it's really hot outside, window shutters help to keep your indoor climate within a pleasant range. With a comprehensive programme, infill options and accessories, no limits are placed on your personal design requirements.

A READY-TO-RUN SYSTEM

Our window shutters are offered as a ready-to-run system (including mounting frames and fittings). Each element is made to measure for your window and also offers thermal and noise insulation.

PROTECTION FROM HEAT AND COLD

In addition, **WOUNDWO** window shutters increase the insulation value on windows and balcony doors, reducing heat loss, which in turn leads to savings in heating costs.

WEATHER AND NOISE PROTECTION

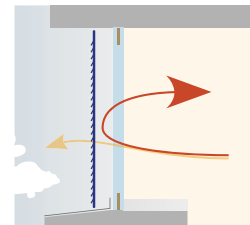
Window shutters dampen sound effectively, protect windows against many weather conditions and consequently prolong their life. And the powder-coating saves you the chore of repainting.

ROBUST AND DURABLE

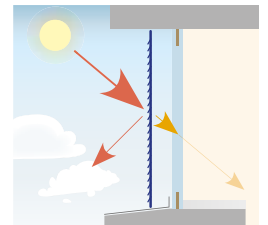
Our window shutters are manufactured in powder-coated extruded aluminium and are therefore not only durable but also very robust and resistant to break-in.

ENERGY EFFICIENCY

When the window shutters are closed, an air pocket is formed between the leaf and the window pane. This air pocket acts as insulation and prevents the direct penetration of colder outside temperatures in winter. So during the winter heating period you can use solar energy as a heat source by day, while at night the heat is stored by the window shutters.



Heat retention in winter



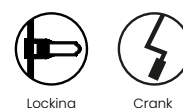
A heat shield in summer

OPERATING OPTIONS

The sliding panels on our shutters can be used individually or together in combinations. In addition, the sliding shutters can be operated with a motor drive and hand-held transmitter.



With window shutters you can choose between manual latching or convenient operation via an inside opener. This allows the window shutters to be opened and closed quickly and easily by means of a crank, without the need to open the window.



FL-OM Wing shutter without mounting frame for direct mounting on the window. Single or multi-leaf, made from aluminium for direct mounting on the window.

HIGHLIGHTS AND ACCESSORIES



INSECT SCREEN ROLLER BLIND TALL OR OBLIQUE

The insect screen roller blind runs in its own guide rail groove in the mounting frame. The brush system guarantees that the mesh is securely held and optimally guided even when there is wind.



ROTATING INSECT PROTECTION FRAME

Whether 1 or 2-leaf, hinged insect protection frames are perfect for all wing shutters.



INSECT SCREEN SLIDING SYSTEMS

The sliding sash can easily be slid sideways. The ball bearing-mounted rollers ensure the sliding parts glide effortlessly at a single touch.



INSECT SCREEN PLEATED BLINDS

The pleated blind can easily be moved to the side. Perfect insect protection when space is tight.



MULTI-LEAF

Larger window areas or little space. That's no problem to us. With our folding and sliding shutters you can choose between single and multi-leaf models, to suit your needs.

What's more, our multi-leaf folding shutter is a miraculous space-saver.



SPECIAL SHAPES

Our aluminium wing shutters are available in semi-circular or segmental arches. The upper section of the leaf is always manufactured as a flat infill, separated from the lower section by a horizontal rail. The position of the horizontal rail is determined by the geometry of the leaf (shape of the infill).



SAFETY

All window shutters are manufactured from robust, powder-coated aluminium. Furthermore, we offer various locking options for each shutter – from centre locking to lockable leaves.



INTEGRATED INSECT SCREEN

No more insects: With the integrated insect screen solutions for doors and windows you can enjoy your evenings in peace – the pesky critters stay outside. In addition to offer the possibility of integrating insect screens directly into the mounting frame for our wing shutters.

COMBINE INFILLS

Fixed or movable slats, board infill or smooth panel with or without decorative feature – the design possibilities for your window shutters are almost limitless. The decorative element can be applied on both sides in two different sizes.



COLOURS AND INFILLS









COLOURS

Add special accents to your façade and choose from our wide range of standard colours. Opt for our selected range of highly weather-resistant colours (HWF) to ensure the gloss level and colours are maintained for as long as possible.

STANDARD RANGE

RAL 9016 (HWF)			RAL 9006 (HWF)
RAL 9007 (HWF)			RAL 7016 (HWF)
RAL 8019 (HWF)			RAL 8017 (HWF)
RAL 8014 (HWF)			RAL 8003 (HWF)
RAL 8001 (HWF)			RAL 7035 (HWF)
RAL 6005 (HWF)			DB 703

WOOD TEXTURE HWF

Eiche 2			Douglas 1
Kirsch 1			Douglas 2
Kirsch 3			Eiche 4
Golden Oak			Golden Oak 3

We have the right window shutter for every situation. So if you can't find the right shade in our wide selection of standard colours, you can opt to fall back on a wide range of RAL colours (also in HWF).



INFILL

	Sliding shutter	Wing shutter
Fixed slat	✓	✓
Fixed slats with hidden rail	✓	-
Movable slats	-	✓
Smooth panel infill	✓	✓
Horizontal board infill	✓	✓
Vertical board infill	✓	✓





SLIDING SHUTTER WITH TRACK AND GUIDE RAIL



Aluminium single and multi-leaf sliding shutters on a track offer classic functionality with a modern design, and create accents when open and closed. The special guide rail achieves unparalleled ease of use. No other shading solution enables such quick access onto the patio.

SHARE THE BENEFITS TO YOU

- Open/closed in a few seconds
- Up to four leaves possible
- 3 infill variants and countless combinations
- Floor or wall mounting
- symmetrical mechanism
- telescopic mechanism
- Electronic motor
- Electronic radio-controlled motor
- Multi-piece infills optional
- Option with fixed slats with hidden rail
- more than 200 RAL colours
- Weather-proof, dirt-repelling and color-fast
- good wind stability

OPERATION



SLIDING SHUTTER WITH TRACK AND GUIDE RAIL

1-leaf

Max. width 2,000 mm
Max. height 3,200 mm

2-leaf

Max. width 4,000 mm
Max. height 3,200 mm

3-leaf

Max. width 3,400 mm
Max. height 3,200 mm

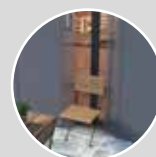
4-leaf

Max. width 4,600 mm
Max. height 3,200 mm



EASE OF USE

When using our shutters, the facing and rear leaves all slide with a symmetrical and telescopic mechanism.



OBSTRUCTION DETECTION

Our electronic motor automatically stops at an obstruction and moves slightly backwards, avoiding damage and injuries.

WING SHUTTER WITH MOUNTING FRAME



The shading "classic", manufactured as a single or multi-leaf wing shutter in powder-coated aluminium. In addition it provides good protection not only from wind and weather, but also from sun and light.

THE BENEFITS TO YOU

- Easy installation with mounting frames
- Up to four leaves possible
- 4 infill variants and countless combinations
- Snap lock standard
- Shutter inside opener optional
- Strap locking device optional
- Multi-piece infills optional
- more than 200 RAL colours
- Weather-proof, dirt-repelling and color-fast
- good wind stability

OPERATION



Locking

Crank



WING SHUTTER WITH MOUNTING FRAME

1-leaf

Max. width 900 mm
Max. height 2,400 mm

2-leaf

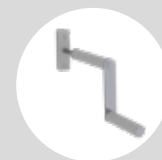
Max. width 1800 mm
Max. height 2,400 mm

3-leaf

Max. width 1800 mm
Max. height 2,400 mm

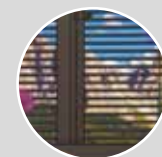
4-leaf

Max. width 2400 mm
Max. height 2,400 mm



SHUTTER INSIDE OPENER

Open and close wing shutters without needing to open the window. Our inside opener allows you to do this quickly and easily by means of a crank.



LIGHT OR NO LIGHT

Our movable slats make variable shading possible. Keep the room dark or let the light shine in – anything is possible.



WING SHUTTER WITH MOUNTING FRAME FOR INSECT SCREEN



Our single or multi-leaf aluminium wing shutters allow the optional fitting of fixed or sliding insect screens or an insect screen roller blind which can be integrated into the window shutter.

THE BENEFITS TO YOU

- Easy installation with mounting frames
- Up to four leaves possible
- 4 infill variants and countless combinations
- Snap lock standard
- Shutter inside opener optional
- Strap locking device optional
- Multi-piece infills optional
- Integrated insect screen roller blind tall/oblique
- Integrated insect screen pivoting frame
- Integrated insect screen sliding frame
- Integrated insect screen pleated blinds
- more than 200 RAL colours
- Weatherproof, dirt-repelling and color-fast
- good wind stability

OPERATION



Locking



Crank



WING SHUTTER WITH MOUNTING FRAME FOR INSECT SCREEN

Single-leaf

Max. width 900 mm
Max. height 2,400 mm

2-leaf

Max. width 1800 mm
Max. height 2,400 mm

3-leaf

Max. width 1800 mm
Max. height 2,400 mm

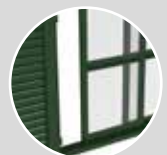
4-leaf

Max. width 2400 mm
Max. height 2,400 mm



GROOVE COVER PLATE

If no insect screen is required, the groove provided can be sealed using a cover plate.



INTEGRATED INSECT SCREEN

The special mounting frames allow an integrated insect screen to be fitted. You have the choice of a tall or oblique insect screen roller blind, hinged frame or sliding frame.

WING SHUTTER WITHOUT MOUNTING FRAME FOR MOUNTING DIRECTLY ON THE WINDOW

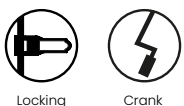


The wing shutter for direct mounting without a mounting frame on the window. This aluminium window shutter is available as a single or multi-leaf version and its durability is guaranteed by our high **WOUNDWO** quality, Made in Austria.

THE BENEFITS TO YOU

- Direct mounting
- Up to four leaves possible
- 4 infill variants and countless combinations
- Snap lock standard
- Shutter inside opener optional
- Strap locking device optional
- Multi-piece infills optional
- more than 200 RAL colours
- Weatherproof, dirt-repelling and color-fast
- good wind stability

OPERATION



WING SHUTTER WITHOUT MOUNTING FRAME FOR MOUNTING DIRECTLY ON THE WINDOW

1-LEAF FL-OM

Max. width 900 mm
Max. height 2,400 mm

2-leaf

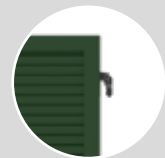
Max. width 1800 mm
Max. height 2,400 mm

3-leaf

Max. width 1800 mm
Max. height 2,400 mm

4-leaf

Max. width 2400 mm
Max. height 2,400 mm



DIRECT MOUNTING

Our wing shutter is also optionally available without a mounting frame (for direct mounting on the window).



ROOM FOR CREATIVITY

With numerous design possibilities (such as fixed or movable slats, board infill or smooth panel infill with or without decorative applications), the window shutter can be designed to suit your taste and perfectly adapted to your façade.

PRODUCT OVERVIEW



PRODUCT	FL-S Sliding shutter with track and guide rail	FL-M Wing shutter with mounting frame	FL-MIS Wing shutter with mounting frame for insect screen	FL-OM Wing shutter without mounting frame for mounting directly on the window
Width*	500 - 4600 mm	500 - 2,400 mm	500 - 2,400 mm	500 - 2,400 mm
height*	800 - 3200 mm	800 - 2,400 mm	800 - 2,400 mm	800 - 2,400 mm
Colours	All RAL K7 CLASSIC colours	All RAL K7 CLASSIC colours	All RAL K7 CLASSIC colours	All RAL K7 CLASSIC colours
Standard operation		Snap lock	Snap lock	Snap lock
Infills	4	4	4	4
hidden horizontal rail	✓*	-	-	-
Maximum number of leaves	4	4	4	4
Shutter inside opener	-	✓	✓	✓
Strap locking device	-	✓*	✓*	✓*
Multi-piece infills	-	✓	✓	✓
Integrated insect screen	-	-	✓	-
Electronic motor	✓	-	-	-
Electronic radio-controlled motor	✓	-	-	-
Special colours	✓	✓	✓	✓

* Depending on product design

WE ARE SUNLIGHT DESIGN

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YOUR **WOUNDWO** DEALER

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