

STEMESEDER SUNTEC



SUNTEC SUN PROTECTION SYSTEMS

Well thought-out solutions.

GS[®] STEMESEDER
PREMIUM ALUMINUM SYSTEMS..

SUNTEC

ALL FROM ONE SOURCE!



STEMESEDER **SYSTEM INTEGRATION**
FUNCTION AND LOOK AT A HIGH LEVEL.

■ YOUR WINDOWS, AND...

- ⊕ STEMESEDER **ALUMINUM**-systems
- ⊕ STEMESEDER **SUN**protection-systems
- ⊕ STEMESEDER **INSECT**screens-systems
- ⊕ STEMESEDER **WINDOWSILL**-systems

⊖ **SIMPLE INSTEAD OF COMPLICATED!**

GS[®] **STEMESEDER**
PREMIUM ALUMINUM SYSTEMS..

THE SUNTEC SYSTEM AT A GLANCE.

SUNTEC SUNPROTECTION SYSTEMS

6-21

SHUTTERS SYSTEMS

ROVO S/E
ROVO P

VENETIAN BLIND SYSTEMS

RAVO S/E
RAVO P
RAFE S
RAFA S
RAFE P
RAFA P
RAFA Loose aperture
RAFA Loose KIT

ZIP SCREEN ROLLER BLIND SYSTEMS

ZIVO S
ZIVO P

- Stem systems (subsequent installation)
- Installation systems (new construction)



SUNTEC INSECTSCREENS SYSTEMS

22-23

DTF | DTL ROTATING FRAME
SAF SLIDING SYSTEM
ROF ROLLER BLIND
SPL TENTER
PLF PLEATED BLIND



PQS WINDOWSILL SYSTEMS

24-25



SUNTEC

SUNPROTECTION TECHNOLOGY.
ENGINEERED BY STEMESEDER.



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STEMESEDER – YOUR SYSTEM PROVIDER FOR SUN PROTECTION SYSTEMS.

Sun protection can do more than just protect you from the sun.
One of the essential tasks is to use the effect of the sun.

Sun protection is used to design rooms, increase comfort and can
can fully exploit potential in terms of energy efficiency.

Windows ensure contact with the outside world.
With modern sun protection, daylight can be directed through adjustable slats,
to prevent glare and control the lighting in the room.

Sun protection protects against heat and – above all – it protects our privacy.

Whether roller shutters, venetian blinds or ZIP screen - STEMESEDER offers a fully comprehensive
product range of sun protection systems.

All systems can be placed on windows - both in new buildings and in renovation.
The highly weatherproof aluminum surfaces in STEMESEDER PREMIUM quality match the aluminum
shells of the windows exactly.

STEMESEDER SUNTEC STEM SUN PROTECTION SYSTEMS

FOR SUBSEQUENT INSTALLATION

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STEMESEDER – YOUR SYSTEM PROVIDER FOR SUN PROTECTION SYSTEMS. FOR SUBSEQUENT INSTALLATION

The STEMESEDER-SUNTEC systems for attachment mounting are - each as roller shutter, venetian blind lamellae or ZIP screen systems -available in versions with cleaning box or sight box.

The external venetian blind systems are optionally available with C slats (for RAVO and RAFE) or Z slats (only with system RAFE).

Stem systems can be retrofitted - without far-reaching façade interventions.



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SYSTEM
ROVO
Roller shutter

SYSTEM
RAVO
C-slat

SYSTEM
RAFE
Z slat

SYSTEM
ZIVO
ZIP screen

SYSTEM
RAFA
C-slat Rope guide

On request, all SUNTEC systems can also be combined with our insect screens systems (see pages 22-23).

STEMESEDER SUNTEC BUILT-IN SUN PROTECTION SYSTEMS

FOR THE NEW INSTALLATION



STEMESEDER – YOUR SYSTEM PROVIDER FOR SUN PROTECTION SYSTEMS. FOR NEW INSTALLATION

The STEMESEDER-SUNTEC systems for the installation of new buildings are - with roller shutters, Venetian blind slats, or ZIP screen systems - in the versions with plaster box or viewing box S and E available.

The sophisticated complete system provides solutions for almost all installation situations. Various plaster rails enable technically perfect building connections with optimal integration into the facade.



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SYSTEM
ROVO P
Roller shutter

SYSTEM
RAVO P
Venetian
blind

SYSTEM
RAFE P
Venetian blind
Z slat

SYSTEM
RAFE E
Venetian blind
C-slat

SYSTEM
ZIVO P
Zip screen

On request, all SUNTEC systems can also be combined with our insect screens systems (see pages 22-23).

GS[®] STEMESEDER
PREMIUM ALUMINUM SYSTEMS..

STEMESEDER SUNTEC

TECHNICAL OVERVIEW

Roller blind boxes

	also for ZIVO	S120	S140	S170	S190	RAVO only possible with 170 and 190!
ROVO S RAVO S View ZIVO only at 120						
ROVO E View RAVO E View RAVO only at 170/190						
ROVO E plaster 0 mm RAVO E plaster 0 mm Plaster rail 0 mm RAVO only at 170/190	10					
ROVO E plaster 6 mm RAVO E plaster 6 mm Plaster rail 6 mm RAVO only at 170/190						
ROVO E plaster 40 mm RAVO E plaster 40 mm Plaster rail 40 mm RAVO only at 170/190						

Can be used up to max. element height in [mm]

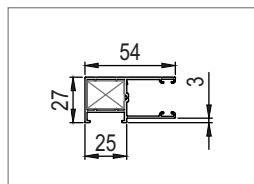
Aluminum slat 37/7 (A43)	S120	S140 / E140	S170 / E170	S190 / E190
Belt/Gear (shaft 40)	1150	1550	2700	3300
Motor (shaft 60)	1000	1450	2600	3200

Box open inside (standard)

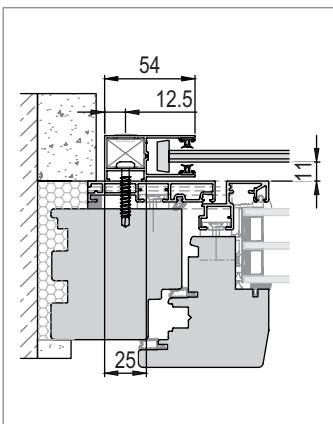
If the box is closed on the inside, the maximum element height is 100 mm less

Guide rails

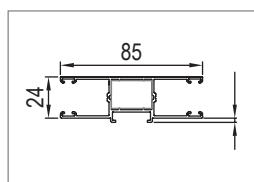
Default



Item no.: RSS054A027



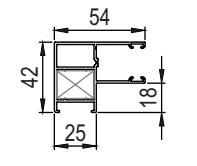
FS standard view



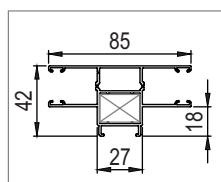
Item no.: RSS085A027

as an energy-saving version

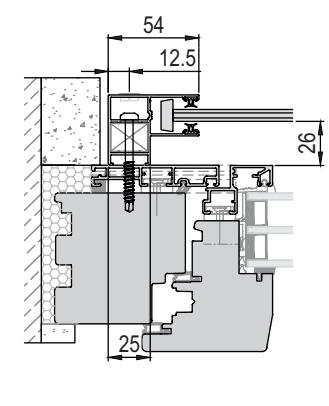
For IG swing door design
with mounting frame



Item no.: RSS054A042



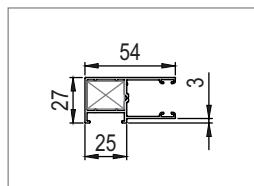
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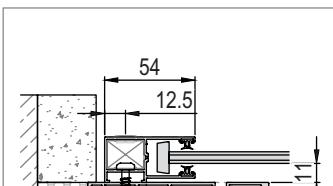
FS energy-saving version

with insect screens

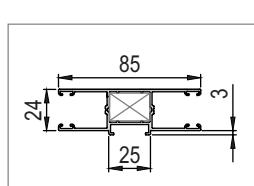
For IG roller blind version | combined



Item no.: RSS054A065

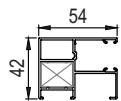


FS insect screen sight

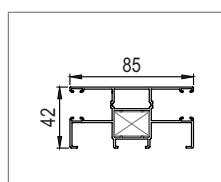


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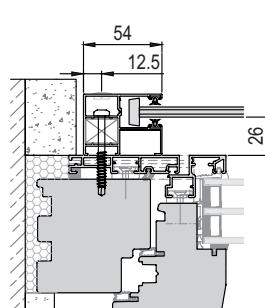
For IG sliding system, single leaf
with running rail and IG revolving door
design
without mounting frame.



Item no.: RSS054B042

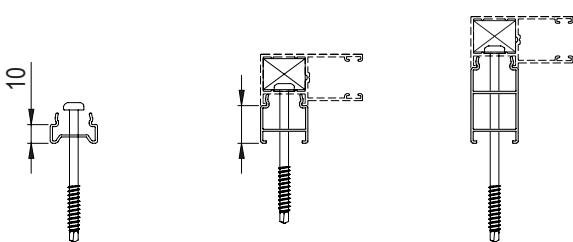


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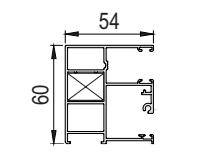


FS energy saving DT view

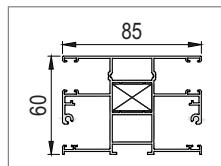
Guide rail adapter



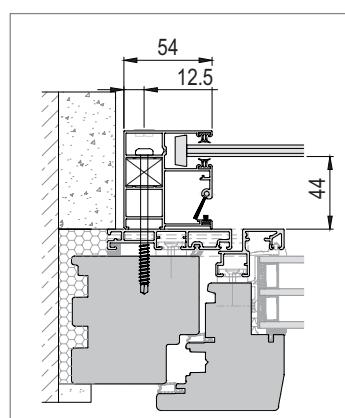
For IG roller blind version
integrated



Item No.: KSS060A054



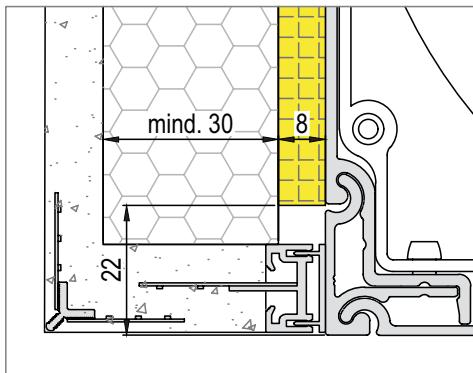
Item No.: KSS085A060



FS energy saving RO sight

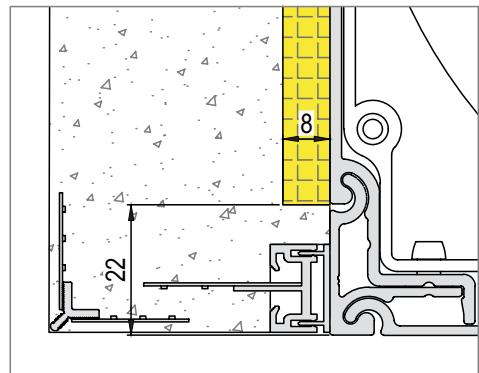
STEMESEDER SUNTEC TECHNICAL OVERVIEW

Connections and plaster rails



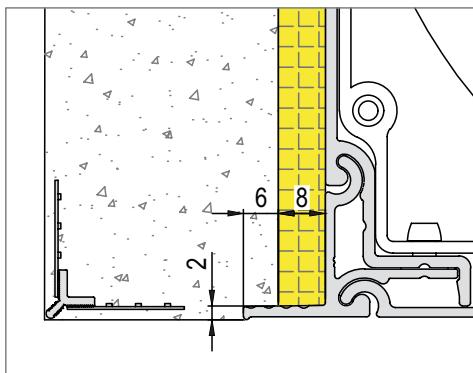
Detail of WDVS connection

Plaster rail 0 mm



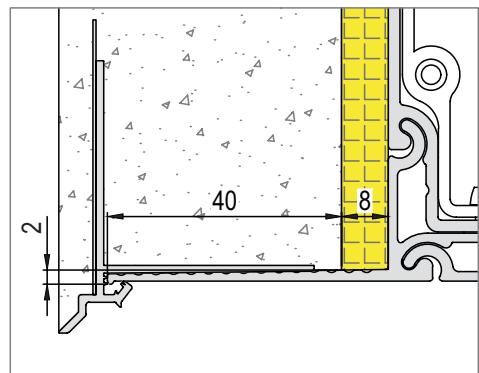
Detail plaster strip

Plaster rail 0 mm



Detail plaster rail

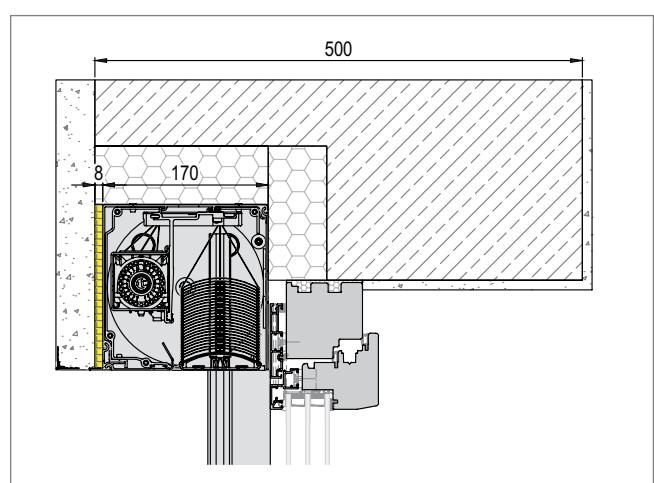
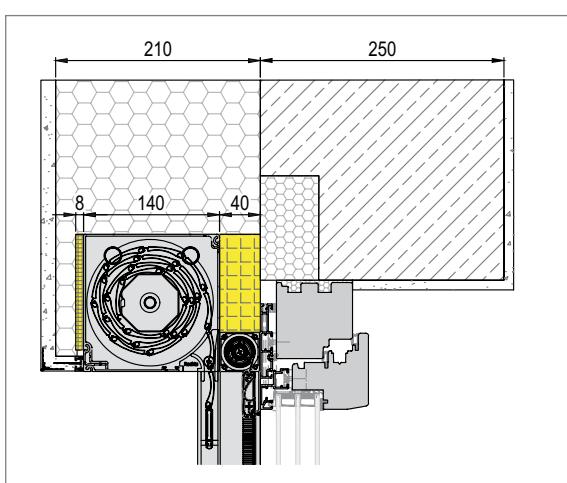
Plaster rail 6 mm



Detail plaster rail

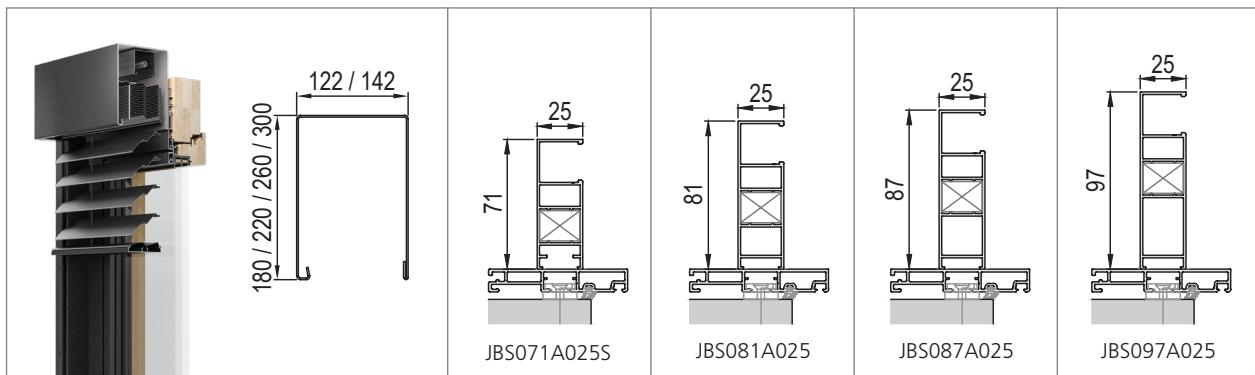
Plaster rail 40 mm

For connection to the aluminum shank of the box
a clip-on profile must be used in accordance with the plaster guideline.

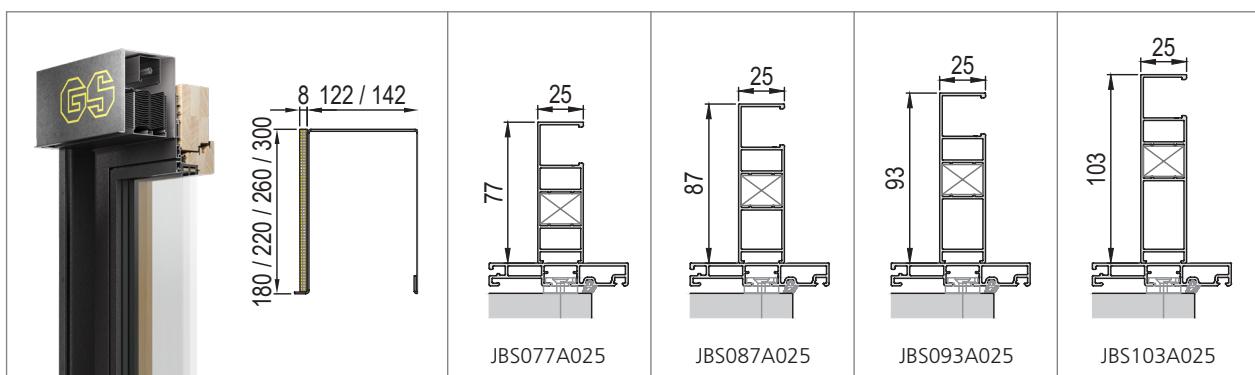


The planning option presented here is presented without any legal
obligation and to the exclusion of any liability.

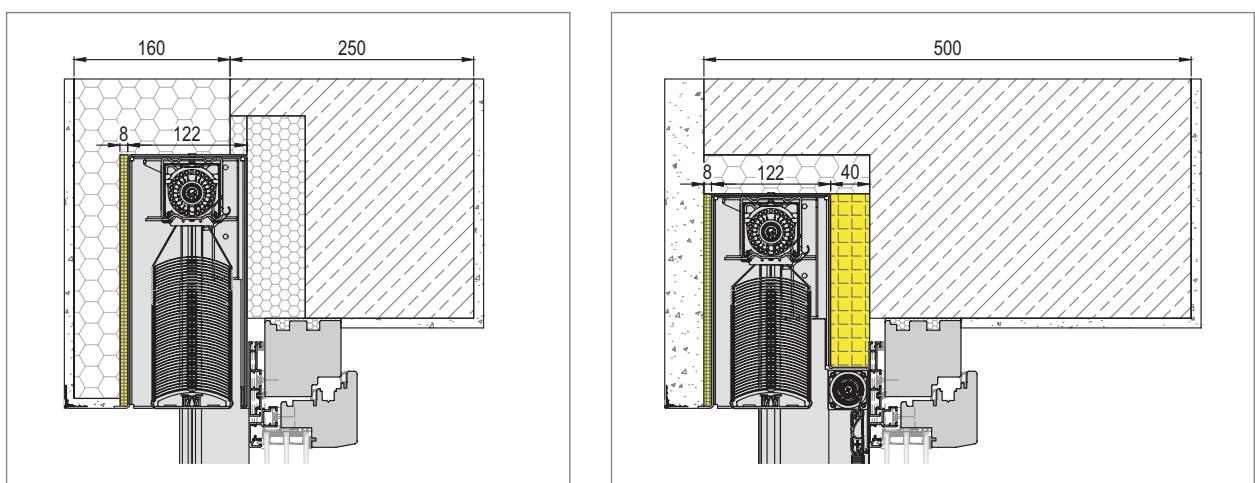
Type RAFE VIEW



Type RAFE PLASTER

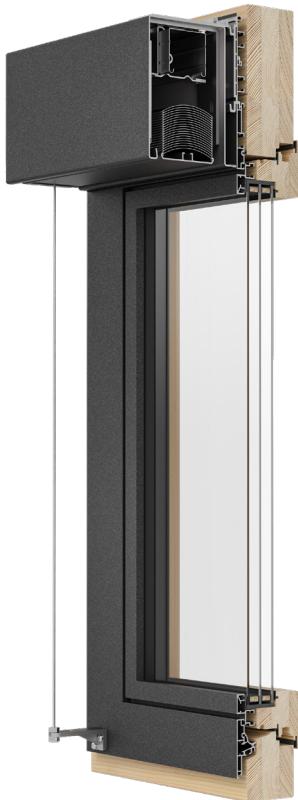


13



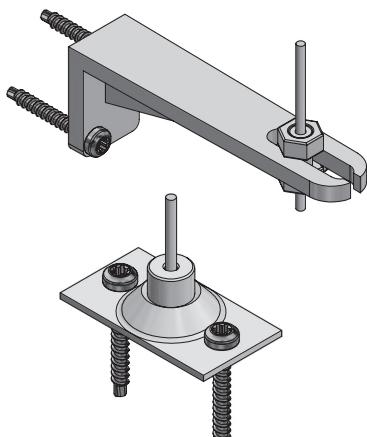
The planning option presented here is presented without any legal obligation and to the exclusion of any liability.

Type RAFA Venetian blind facade

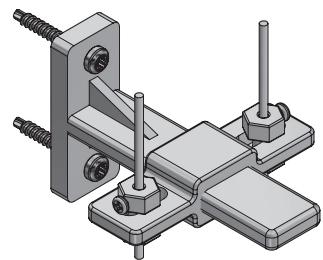


Rope guide

Bracing angle



Bracing angle Combination

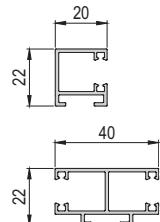


Tension plate

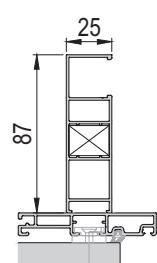
Rail guide

14

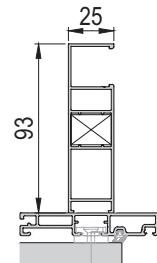
Guide rail RAFA
with telescope holder



Also available as **RAFE guide rail** !

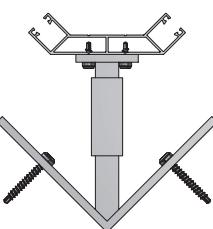
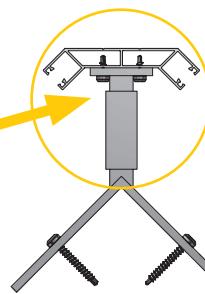
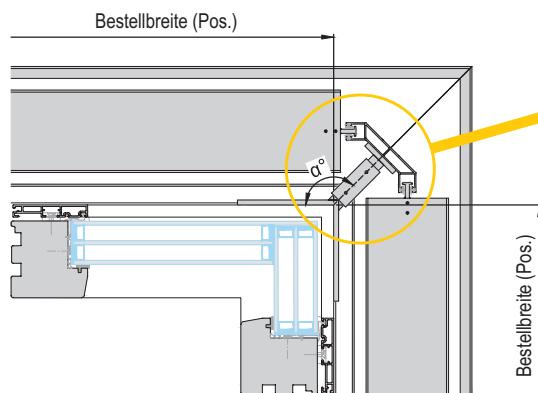


JBS087A025



JBS093A025

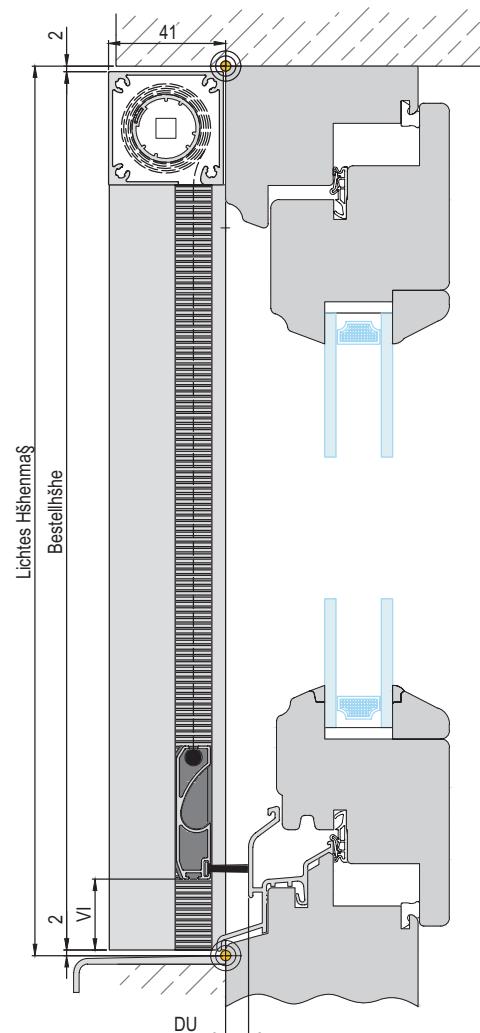
Corner rail



Type screen roller blind



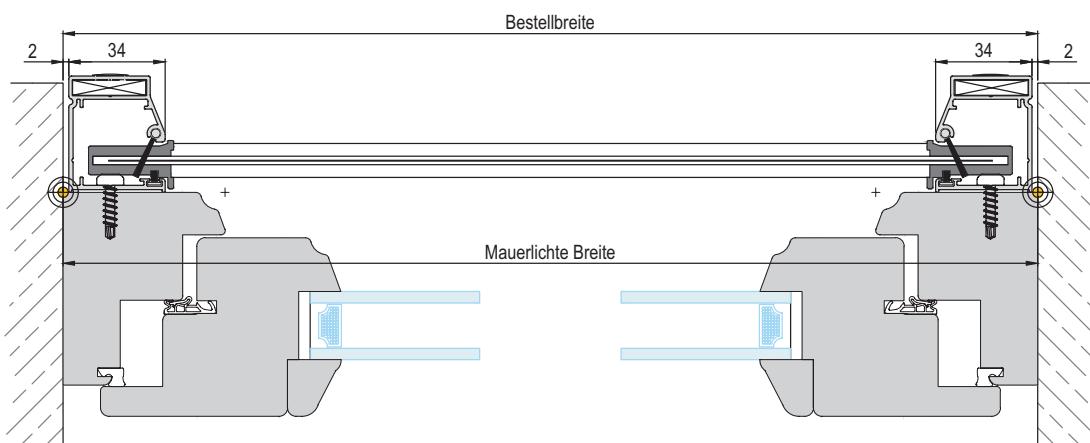
Screen roller blind



Insect screens- and Sun protection function in one roller blind:

The STEMESEDER insect screen roller blind in the version as a sun protection screen

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STEMESEDER SUNTEC MOTOR DRIVES

Maximum convenience – at the push of a button.
Or fully automatic.



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As if by magic...

Sun protection is only complete with the drive. On the one hand increases the opening and closing up at the touch of a button: In the case of a large number of windows, the manual operation turns quickly into real work.



There are many more intelligent functions that a modern motor control can take over if desired. A fully-fledged sun protection system can be equipped with sensors for brightness, temperature or time. This controls the personal feel-good room climate fully automatically. All of these functions run almost silently thanks to the ultra-quiet drive modules.

The current state-of-the-art can be very flexibly adapted to personal requirements – from a simple motor drive to fully automatic.



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COMFORT RELAXED!



STEMESEDER SUNTEC DRIVE VARIANTS

Motorized and manual drive systems

ROLLER SHUTTER		VENETIAN BLIND	ZIP SCREEN
1	Roller shutter Motor Default (cable control)	Venetian blind Motor Default (cable control)	Zip screen Motor Default (cable control)
2	Roller shutter Radio motor (radio control)	Venetian blind Radio motor (radio control)	Zip screen Radio motor (radio control)
3	Roller shutter Radio motor Premium (especially quiet, radio control)		Zip screen Radio motor Premium (especially quiet, radio control)

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MANUAL OPERATION	
4	Cord operated roller shutter
5	Belt operated roller shutter
6	Roller shutter with gear operation
	Venetian blind with gear operation

STEMESEDER SUNTEC SLATS SURFACES

Color variants (special colors on request)



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**ANTHRAZITE
GREY**
RAL 7016

**WHITE-
ALUMINUM**
RAL 9006

**GRAY-
ALUMINUM**
RAL 9007

**VERKEHRS-
WEISS**
RAL 9016

**NIGHT
GRAY**

**PRECIOUS
SAND**

**ARCTIC
ICE**

**VOLCANIC
ASH**

**GRANITE
NATURE**

**RUSTY
IRON**

**GOLD
SUPREME**

EPSILON

MOSS GREEN
RAL 6005

ACHATGRAU
approx. RAL 7038

PEARL WHITE
RAL 1013

STEMESEDER SUNTEC ZIP SCREEN TEXTILE SUN PROTECTION

SOLTIS VEOZIP | degree of opening 5%



SOLTIS PERFORM 92 | degree of opening 4%





PREFERRED COLOR COMBINATIONS

VEOZIP curtain	Aluminum surface
... 51184	RAL 9016
... 51185	RAL 9006 RAL 7038 Perfective Ice
... 51186	RAL 9006 RAL 7038
... 51187	RAL 1013
... 51188	Precious sand
... 51189	RAL 9007 Perfective Granit
... 51190	Gold Supreme Perfective Ash
... 51191	RAL 1013 Perfective Ash
... 51192	RAL 9007
... 51193	Perfective Epsilon
... 51194	Perfective Epsilon
... 51195	RAL 6005
... 51196	Perfective Rost
... 51197	Night Grey
... 51198	RAL 7016

21

SOLTIS OPAQUE B 92 | darkening



STEMESEDER SUNTEC INSECTSCREENS SYSTEMS



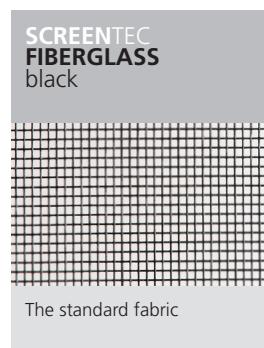
22

STEMESEDER – YOUR SYSTEM PROVIDER FOR SUN PROTECTION SYSTEMS.

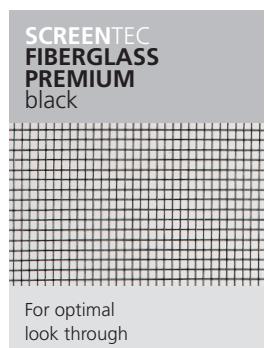
They hum, buzz, annoy - and sting! Protect yourself and your family and simply banish the winged pests from your bedroom and living room. Lockout is definitely more effective - and healthier - than any chemical bludgeon!

STEMESEDER now offers a comprehensive range of high-quality insect screens systems - choose from the variants sliding frame, rotating frame clamping frame or roller blind. The close-meshed grids keep even the smallest insects outside safely.

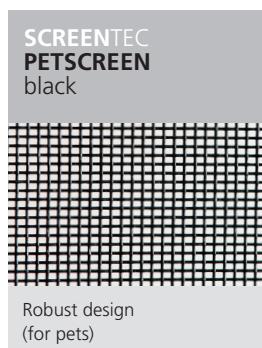
All systems can be placed on windows - both in new buildings and in renovation. The highly weatherproof aluminum surfaces in STEMESEDER PREMIUM quality match the aluminum shells of the windows exactly.



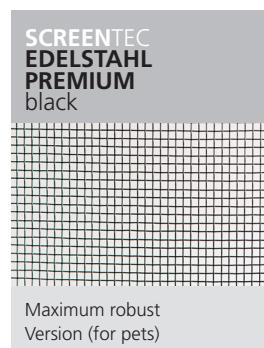
The standard fabric



For optimal
look through



Robust design
(for pets)



Maximum robust
Version (for pets)



23



SYSTEM
ROTATING FRAME
DTF | DTL



SYSTEM
SLIDE FRAME
SAF



SYSTEM
ROLLER BLIND
ROF



SYSTEM
TENTER
SPL

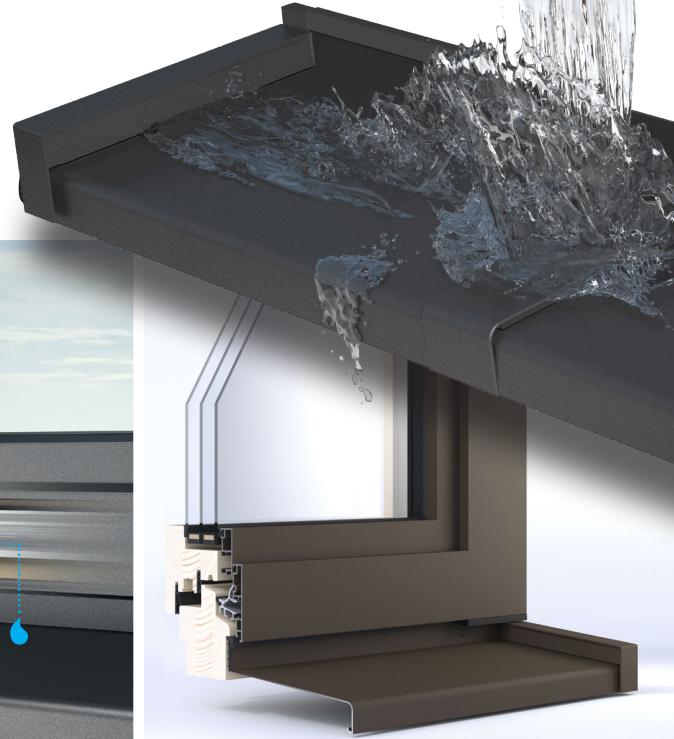
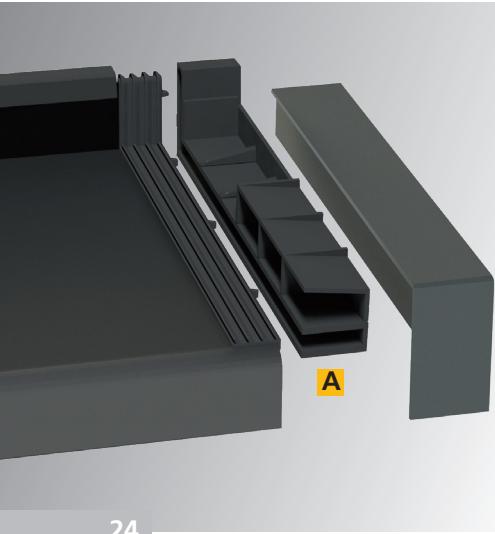


SYSTEM
PLEATED BLIND
PLF

All STEMEDEDER insect screens systems can be combined with our SUNTEC sun protection systems on request!

GS[®] STEMEDEDER
PREMIUM ALUMINUM SYSTEMS..

STEMESEDER WINDOWSILL SYSTEMS



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A Sealed sliding rib **B** Sealing bridge

STEMESEDER – YOUR SYSTEM PROVIDER FOR WINDOWSILL SYSTEMS

STEMESEDER PREMIUM PQS – simply sealed!

Our windowsill system is the optimal solution for the highest demands on function, quality, and appearance. The system-wide integration of a perfect driving rain seal between Windowsill, window, and masonry was the primary development goal. Together with the indestructible GS premium surface quality, the large variety of colors and an excellent price-performance ratio, PREMIUM PQS is the first choice for builders with premium requirements.

What makes the SLIDING SEAL PREMIUM PQS aluminum so special?

Perfect sealing to the masonry:

Tested with a driving rain tightness of 1,950 Pa for a non-ventilated one Facade. Just tight - no more Sealing measures required!

Thermal expansion of the windowsill is absorbed in the sealing/sliding flange without damaging the structure.



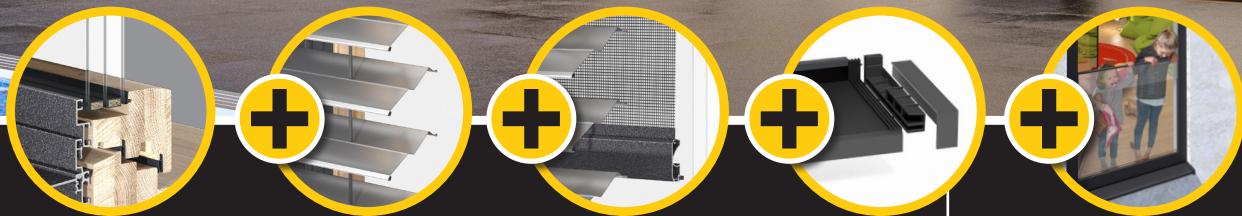
**ALL FROM
ONE SOURCE!
ONE SYSTEM.
ONE SURFACE.**

EVERYTHING FITS
PERFECTLY TOGETHER!

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**UNIQUE.
INTEGRATED.**



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**WE CONNECT,
WHAT BELONGS TOGETHER!**

**STEMESEDER PERFECT SYSTEM
THE ALL-IN-ONE SYSTEM.**

**WINDOW.
SUN PROTECTION.
INSECT SCREENS.
WINDOWSILL.
SAFETY BARRIER.
THRESHOLD.
PERFECT.
PERFECT SYSTEM.**

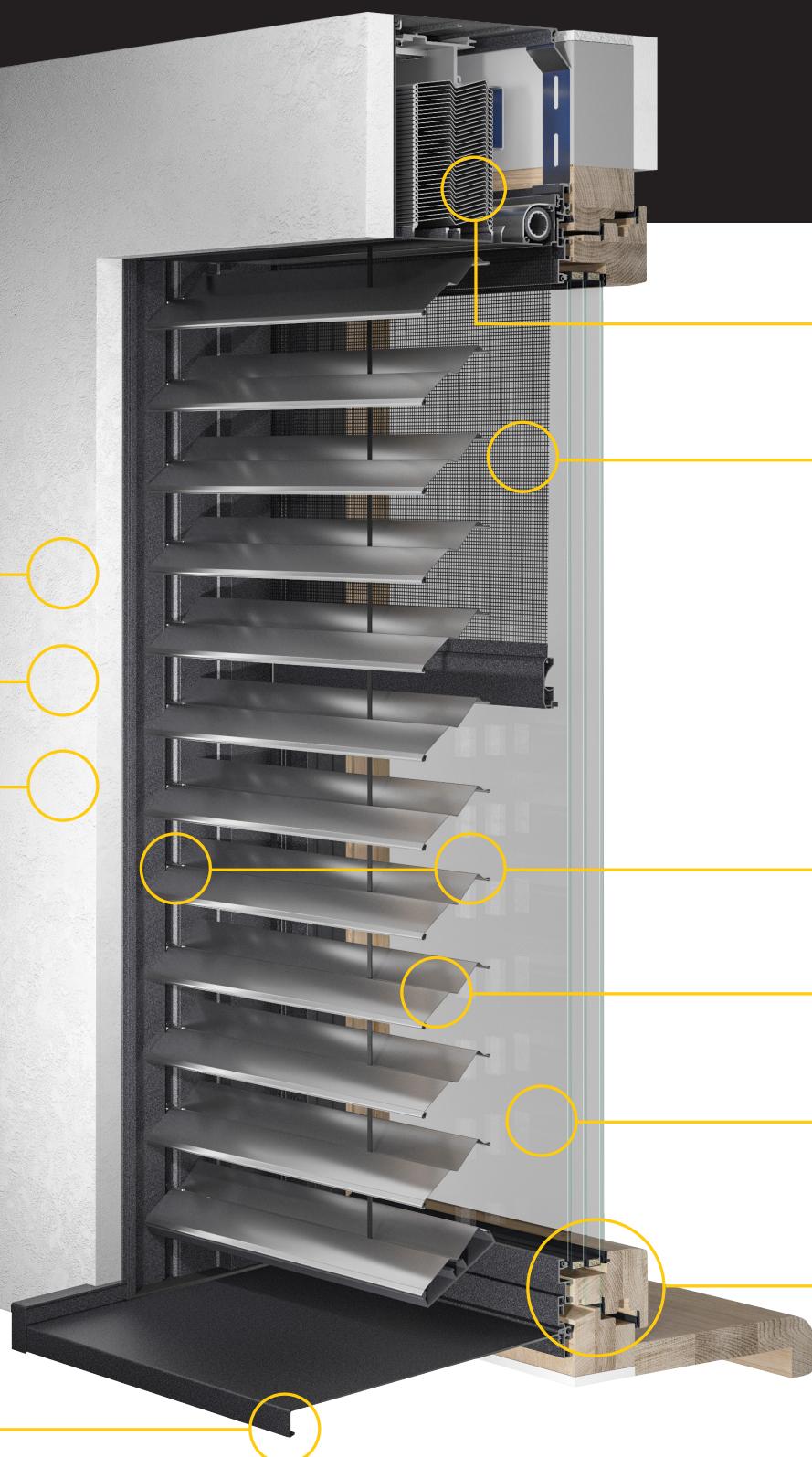
identical
installation depth

defined
installation situation

frame and
guide rails
can be insulated

**Premium
Design windowsill**
Optimal system
integration with
unique all-round
waterproofing.
The masonry
is permanently
protected against
thermal stresses
and
rainwater!

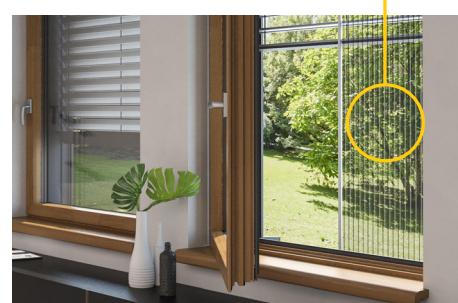
ONE DELIVERY. ONE MONTAGE. FLEXIBLE AND MODULAR. RETROFITTABLE AND CONVERTIBLE.



- You have the choice:
- venetian blind
- Shutters

- Insect screens can be integrated
- Two variants possible:
- Vertical roller blind
- Horizontal sliding pleated blind

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- Optimized darkening also on the sides, due to stepped guide rails

- Different slat profiles
- 93mm Z slat
- 80 mm C-slat

- Safety barrier glazing in the window/door element

- Extremely slim view widths



**QR CODE
WITH BUSINESS CARD FUNCTION**

Simply scan with a QR code reader
and save contact details with one click
in your smartphone.



GS STEMESEDER
PREMIUM ALUMINUM SYSTEMS..

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