

INSPIRATIONS

SUN SHADING SOLUTIONS

selt ✨
sun
protection
systems

table of contents

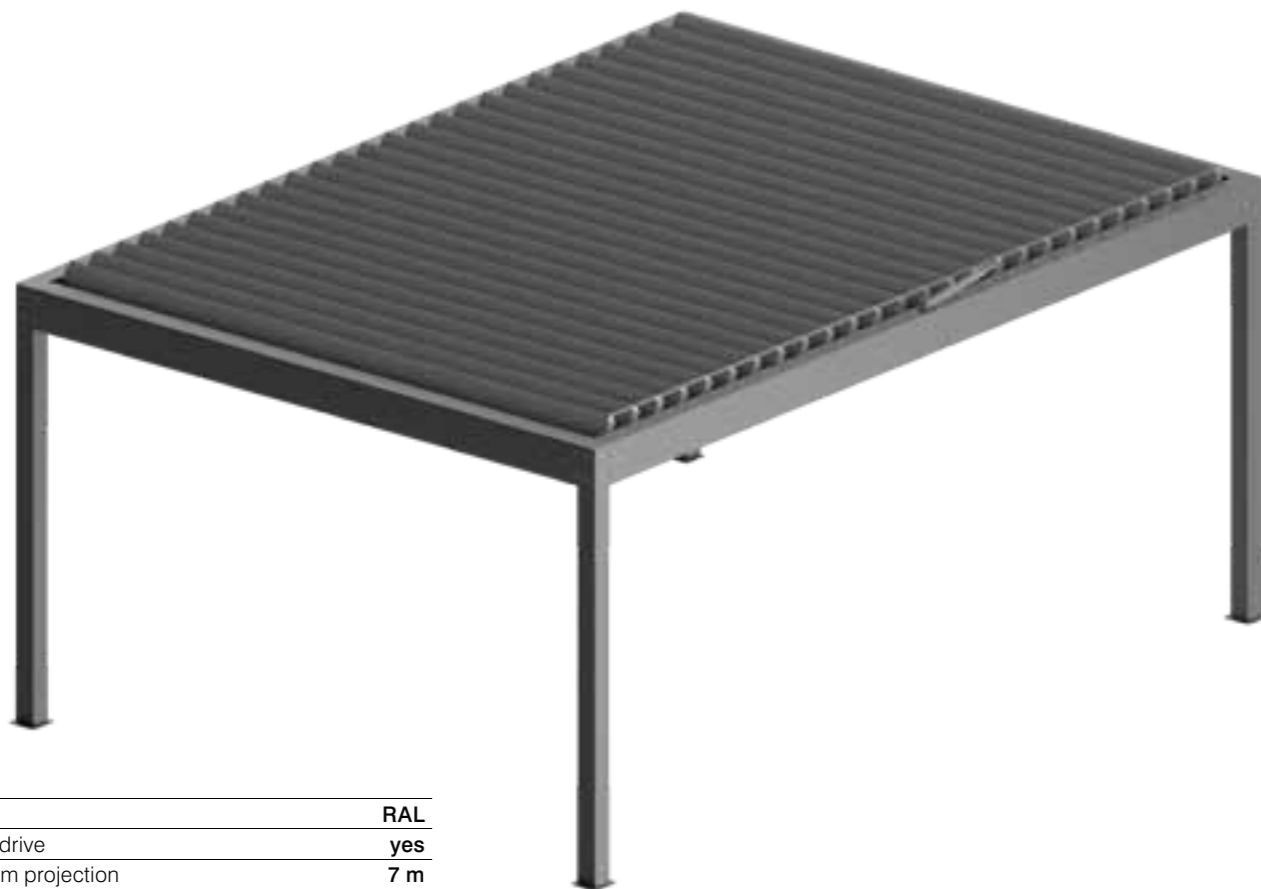
Pergolas	5
Sunbreaker 500	6
Sunbreaker 400	8
Solid	10
Pergola V	12
Venetian blinds	15
Z 90 box	16
Z 90 HF	18
Z 90	20
Z 90L	22
C 80 box	24
C 80 flat	26
C 80L flat	28
C 80	30
C 80L	32
C 50 slim	34
C 50L	36
Sunbreakers	39
Sunbreaker 400 fixed	40
Sunbreaker 300 rotary	42
Sunbreaker 300 fixed	44
Sunbreaker 210 rotary	46
Sunbreaker 210 fixed	48
Sunbreaker clip	50
Refleksols	53
R 125	54
R 120 ZiiiP	56
R 120 ZiiiP large	58
R 95 ZiiiP	60
R ZiiiP box	62
R 120	64
MR 120	66
R 103	68
MR 103	70
R 90	72
R 85 SA/MA	74
R 85 A	76
R 76	78
R XXL	80
R XL	82
R XL MA	84
R XS	86

Verandas	89
Veranda	90
Veranda S	92
Veranda FTS	94
Awnings	97
Dakar	98
Casablanca	100
Palladio	102
Corsica	104
Giant	106
Jamaica	108
Australia	110
Silver plus	112
Malta	114
Bora	116
Italia Box	118
Italia	120
Italia Balcony	122
Powder coating	125
Coating finish	126
Construction colours	128
Slats colours	129
Fabrics	131
Awning fabrics	132
Refleksol fabrics	134
Pergola Solid fabrics	136
Automation	138

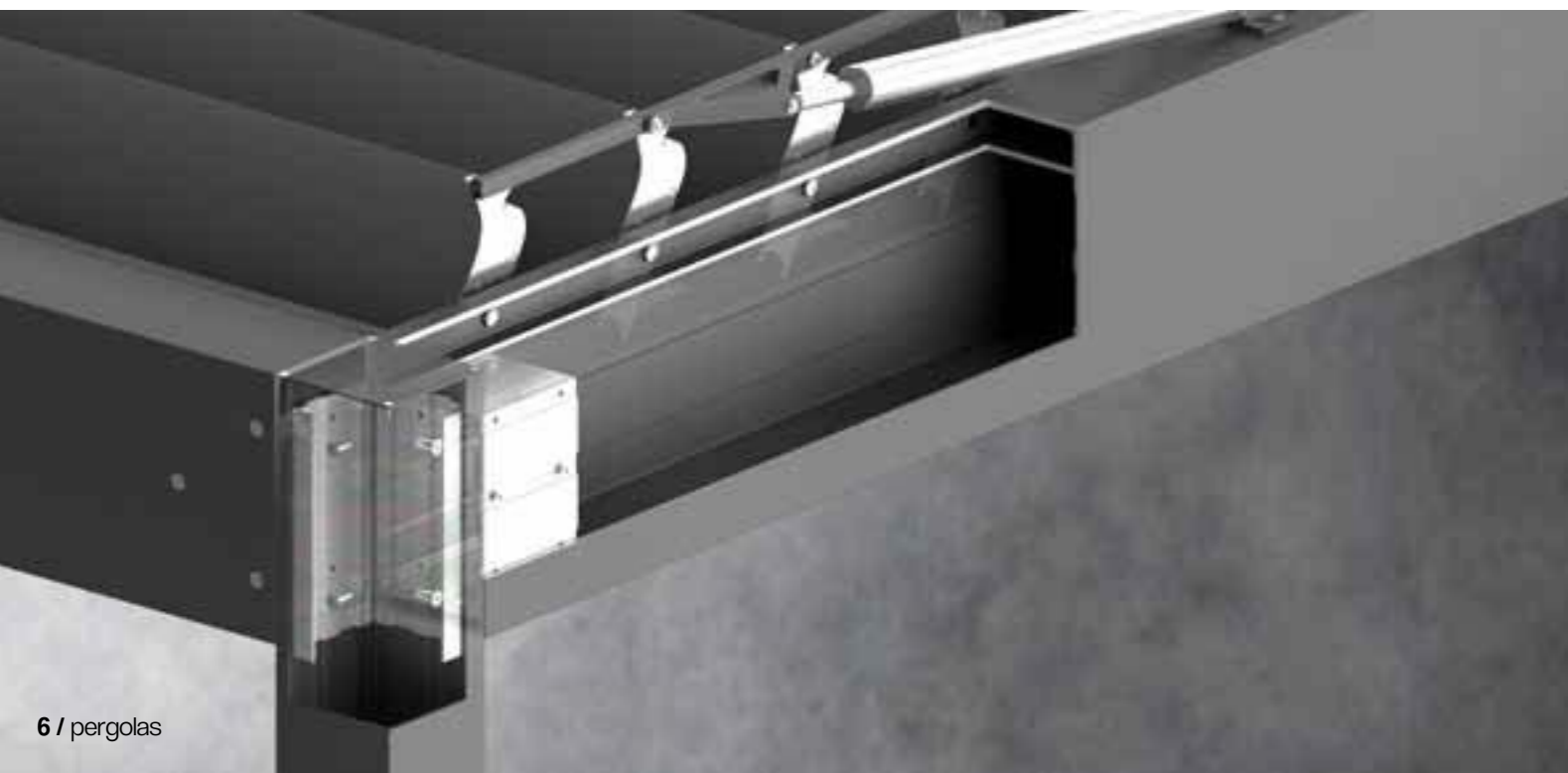
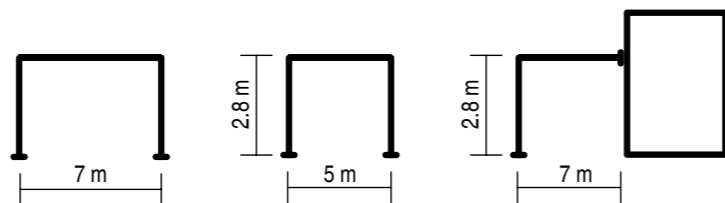


system
pergola

pergola sunbreaker⁵⁰⁰



colour	RAL
electric drive	yes
maximum projection	7 m
maximum width	5 m
water drainage system	yes



Properties:

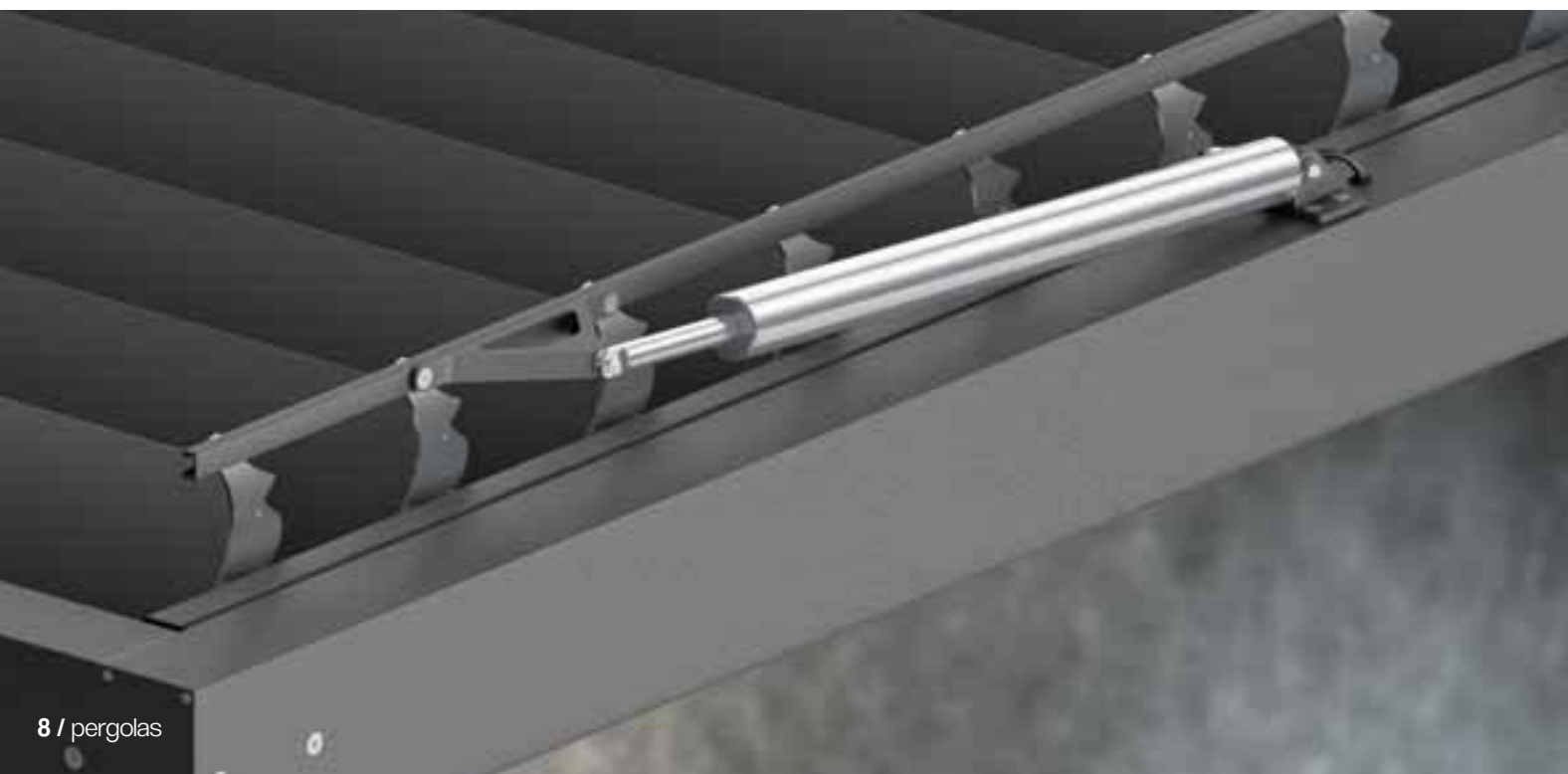
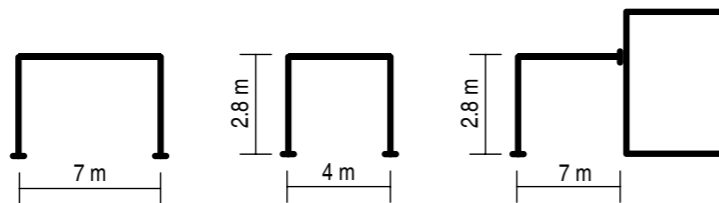
- Extruded aluminium construction with stainless steel elements
- Water drainage system integrated with the construction
- Sun and waterproof system
- Construction and roofing painted in any RAL colour
- Roofing made from rotating slats
- Maximum dimensions of single module: 5 m width and 7 m projection
- Possibility of modular connection
- Possibility of wall-mounted and free-standing version
- Possibility of using a side panel system „SLIDE”
- Construction in accordance with PN-EN 1090 and PN-EN 13659
- Possibility of using weather automation

pergola sunbreaker⁴⁰⁰



colour	RAL
electric drive	yes
maximum projection*	7 m
maximum width	4 m
water drainage system	yes

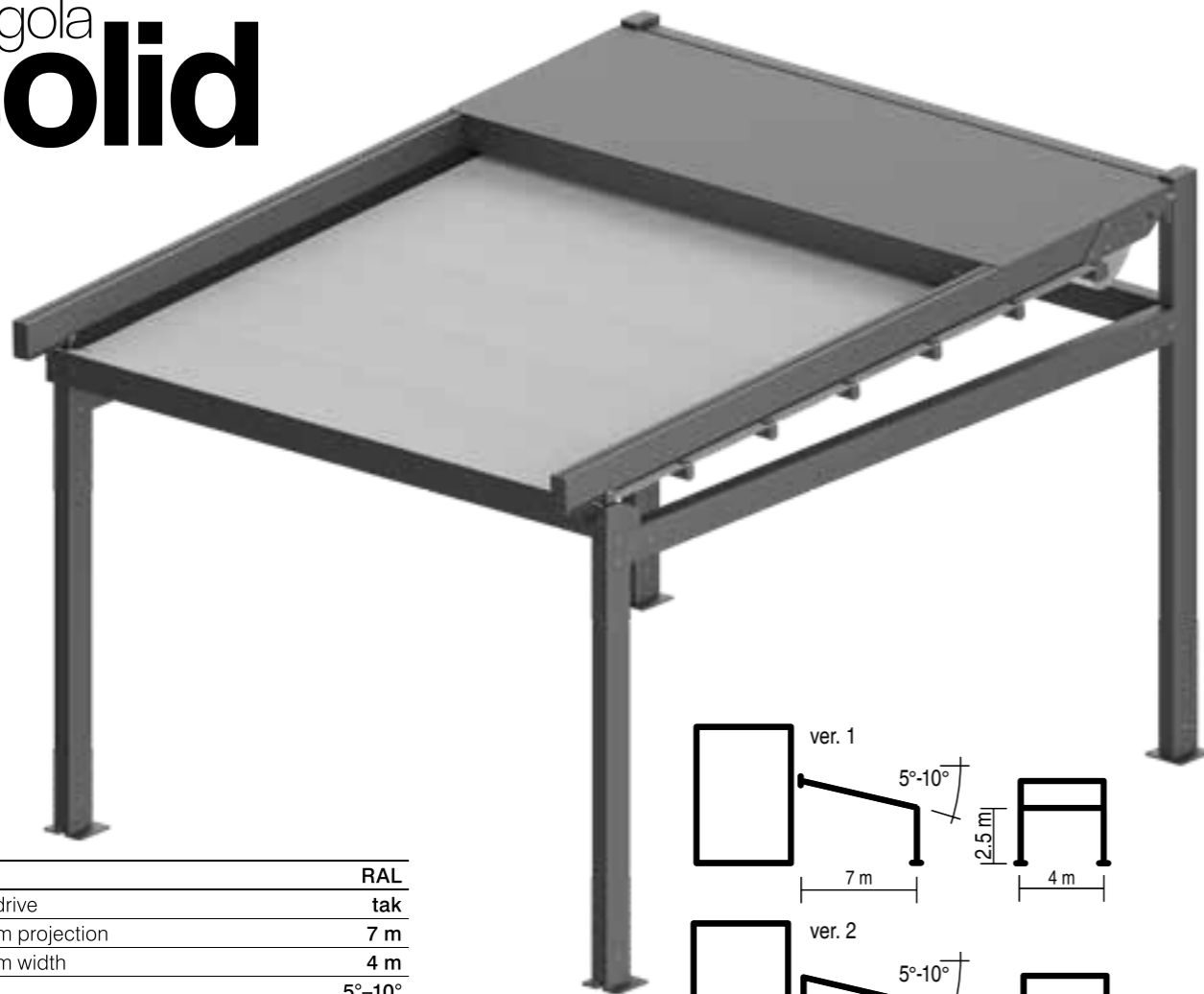
* pergola with projection over 5.2 m requires a middle pole supporting the construction



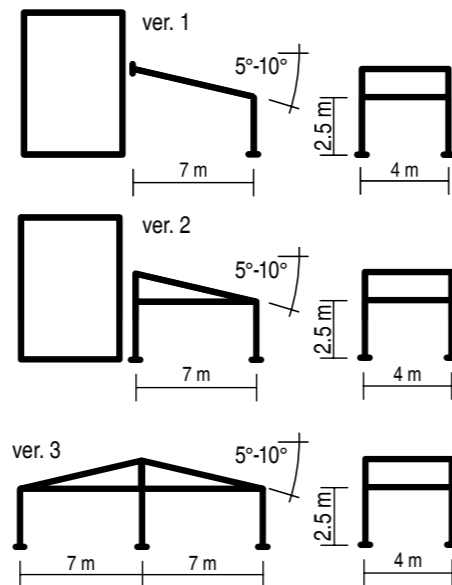
Properties:

- Extruded aluminium construction with stainless steel elements
- Water drainage system integrated with the construction
- Sun and waterproof system
- Possibility of using weather automation
- Construction and roofing painted in any RAL colour
- Roofing made from rotating slats
- Maximum dimensions of single module: 4 m width and 7 m projection
- Possibility of modular connection
- Construction in accordance with PN-EN 1090 and PN-EN 13659

pergola solid



colour	RAL
electric drive	tak
maximum projection	7 m
maximum width	4 m
tilt angle	5°-10°
cover	PVC fabric dedicated for Solid system



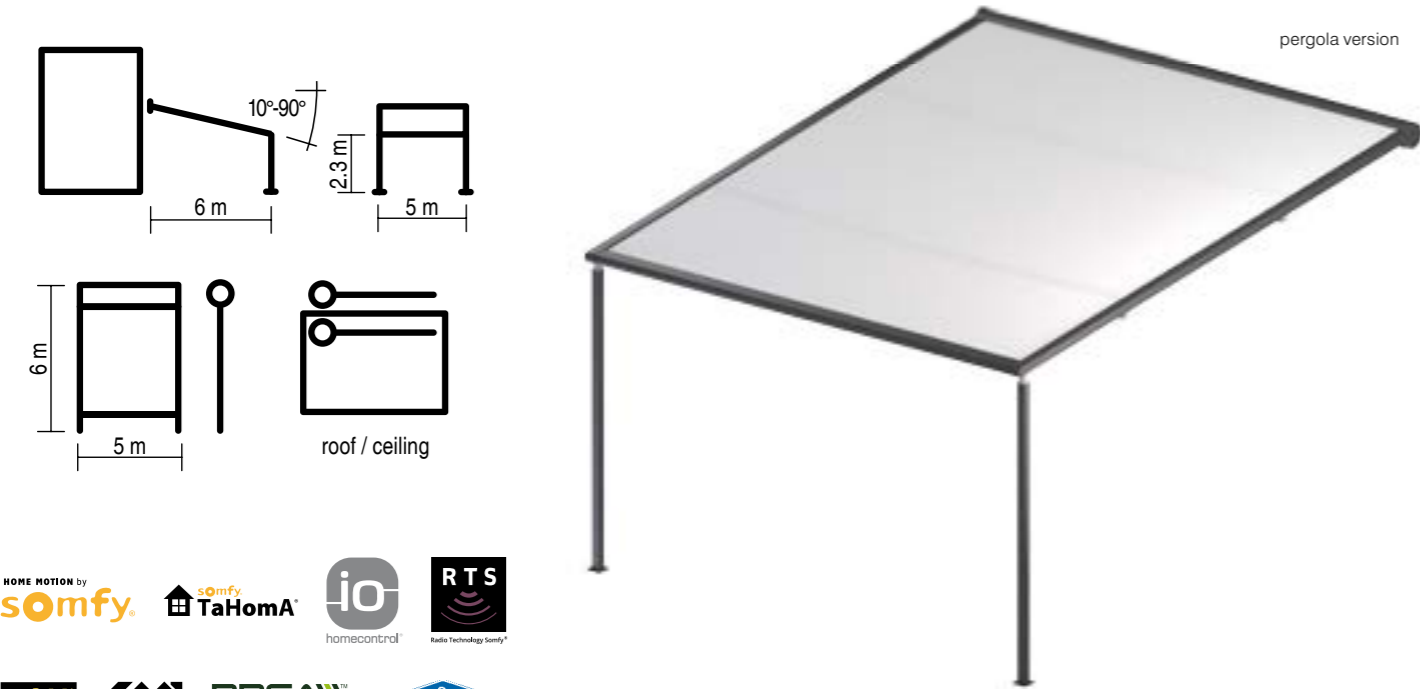
Properties:

- Extruded aluminium construction with stainless steel elements
- Water drainage system integrated with the construction
- Sun and waterproof system
- Movable roofing operated electrically
- Possibility of using weather automation
- Optional LED lighting application
- Free-standing and wall-mounted version
- Construction painted in any RAL colour
- Maximum dimensions of single module: 4 m width and 7 m projection
- Possibility of modular connection
- Construction in accordance with PN-EN 1090 and PN-EN 13561

pergola^v

colour	RAL
electric drive	yes
maximum projection*	6 m
maximum width*	5 m
tilt angle	10°–90°

* depending on the fabric used



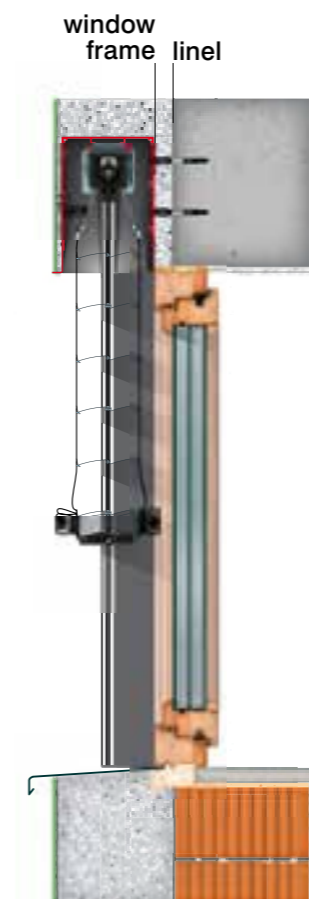
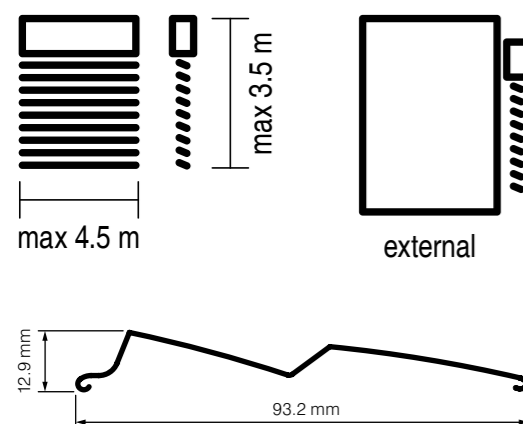
- Properties:
- Extruded aluminium construction with stainless steel elements
 - Maximum dimensions: 5 m width, 6 m projection
 - Possibility to connect systems with modular guide rail bracket
 - Emergency override option
 - Wall-mounted construction and individual Veranda module available
 - Construction in accordance with PN-EN 13561
 - Pneumatic fabric tensioning system
 - Wide range of fabrics
 - Construction painted in any RAL colour



venetian
blinds

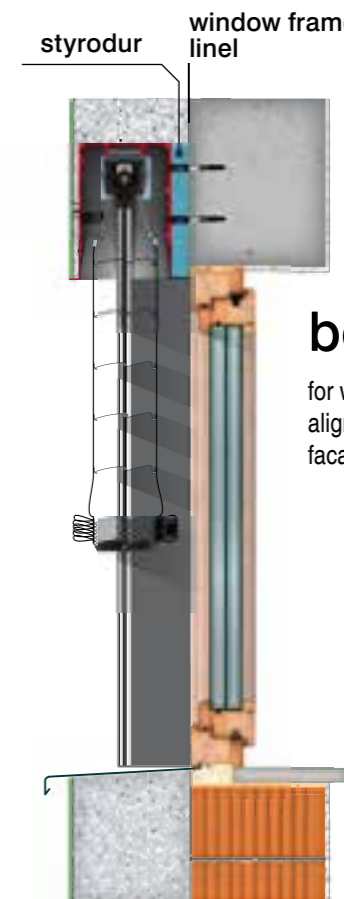
system Z_90^{box}

shape of slats	Z
colour	RAL
electric drive	yes
manual drive	no
maximum width	4.5 m
maximum height	3.5 m
external use	yes
internal use	no



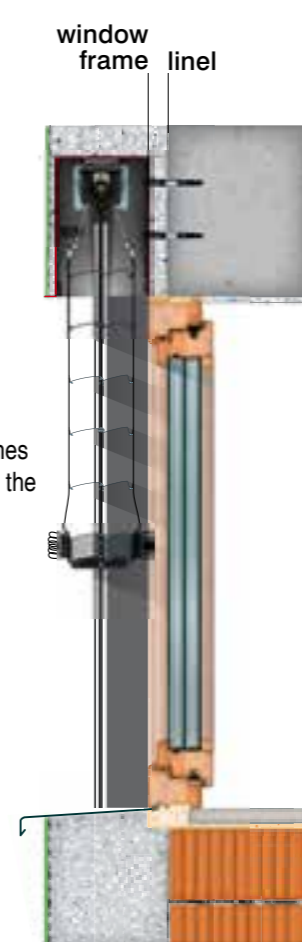
box 1

for window frames
protruding from the
facade



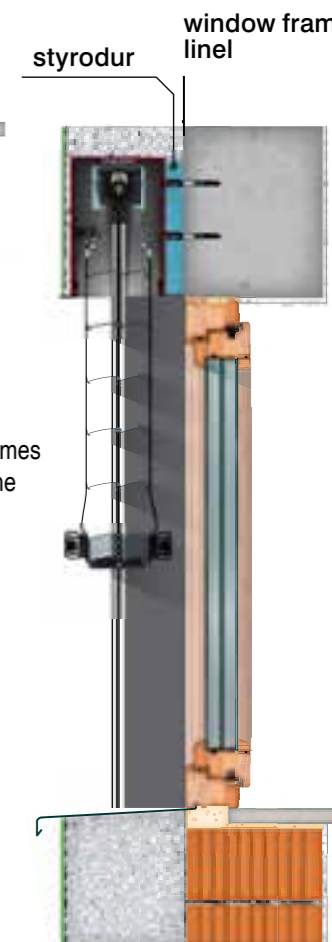
box 2

for window frames
aligned with the
facade



box 3

for window frames
protruding from the
facade



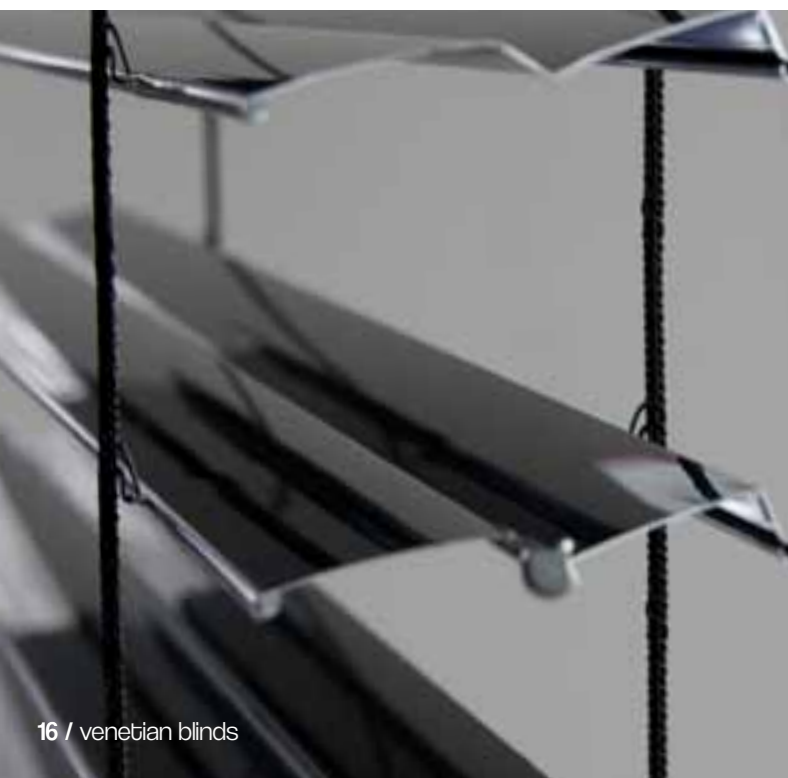
box 4

for window frames
aligned with the
facade



Properties:

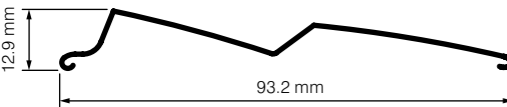
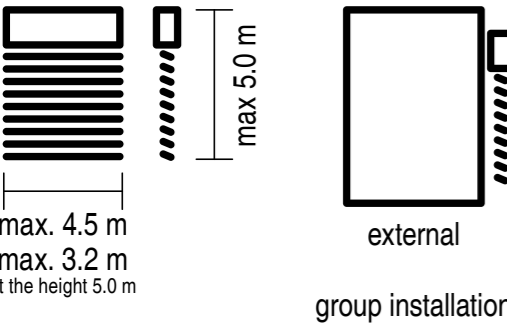
- Cassette for under plaster installation made from extruded aluminium, equipped with an extension enabling external plaster application
- Revision lid enabling easy access and installation
- Box 2 and box 4 with windowhead insulation
- Electric drive
- Available self-supporting version where the cassette rests on guide rails
- Construction painted in any RAL colour
- New box 3 and 4 cassette is characterized by easy installation and increased rigidity. There is a possibility of painting the cassette



system

Z_90^{HF}

shape of slats	Z
colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.5 m
maximum height	5.0 m
external use	yes
internal use	no

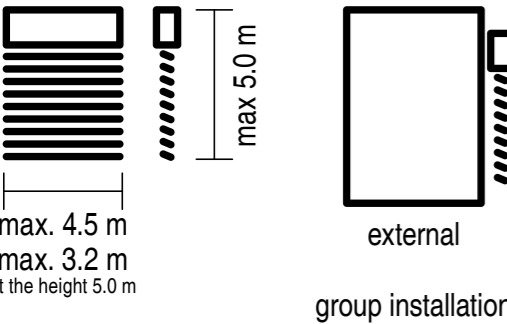


- Properties:
- Two variants of cover: extruded aluminium cassette or aluminium cover panel 1.2 mm or 2 mm thick in 4 types
 - Self-supporting version available
 - Extruded aluminium guide rails
 - Z-shaped slats provide better shading
 - Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
 - The slats are equipped with silencing gasket, which helps reduce noise when completely closed
 - Pins from zinc and aluminium alloy
 - Hagofix system provides smaller height of the bundle
 - Polyester textile components are resistant to stretching, wearing and UV radiation, ladder strengthened with aramid
 - Optional under-plaster installation
 - Option to connect any number of modules
 - Powder coated construction
 - Manual or electric drive

system

Z_90

shape of slats	Z
colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.5 m
maximum height	5.0 m
external use	yes
internal use	no

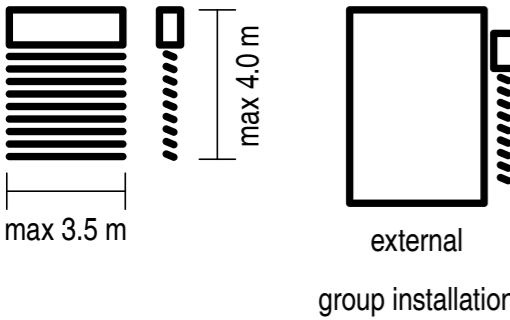


- Properties:
- Two variants of cover: extruded aluminium cassette or aluminium cover panel 1.2 mm or 2 mm thick in 4 types
 - Available self-supporting version
 - Extruded aluminium guide rails
 - Z-shaped slats providing enhanced shading
 - Smooth operation of slats tilt angle enabling easy regulation of light intensity
 - Gasket silencing the system operation when closing
 - Pins from zinc and aluminium alloy
 - Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with **Kevlar®**
 - Optional under-plaster installation
 - Option to connect any number of modules
 - Powder coated construction
 - Manual or electric drive

system

Z_90L

shape of slats	Z
colour	RAL
electric drive	yes
manual drive	yes
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	no

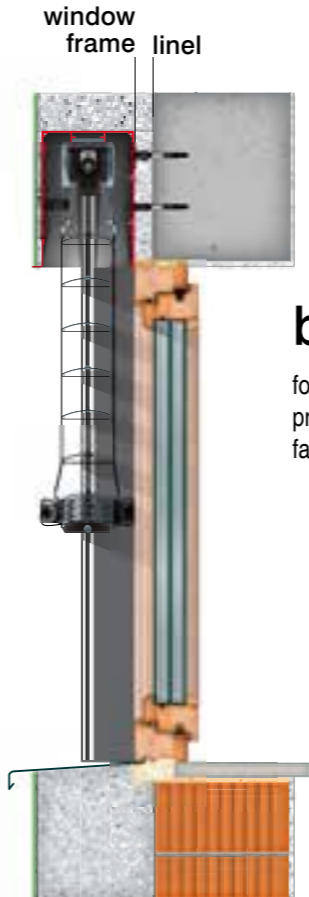
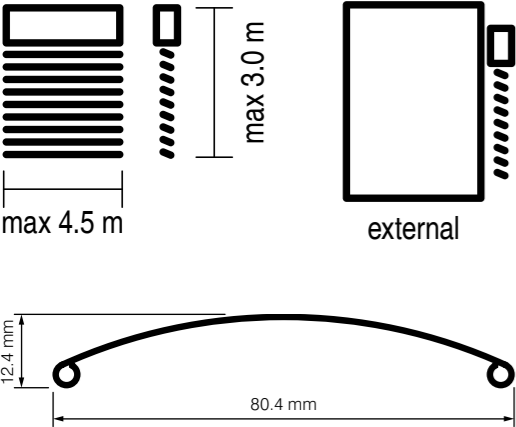


- Properties:
- Aluminium cover panel 1.2 mm or 2.0 mm thick in 4 types
 - Galvanized steel cable guides braided polyamide with a diameter of 3 mm
 - Z-shaped slats providing enhanced shading
 - Smooth operation of slats tilt angle enabling easy regulation of light intensity
 - Gasket silencing the system operation when closing
 - Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with **Kevlar®**
 - Option to connect any number of modules
 - Powder coated construction
 - Manual or electric drive

system

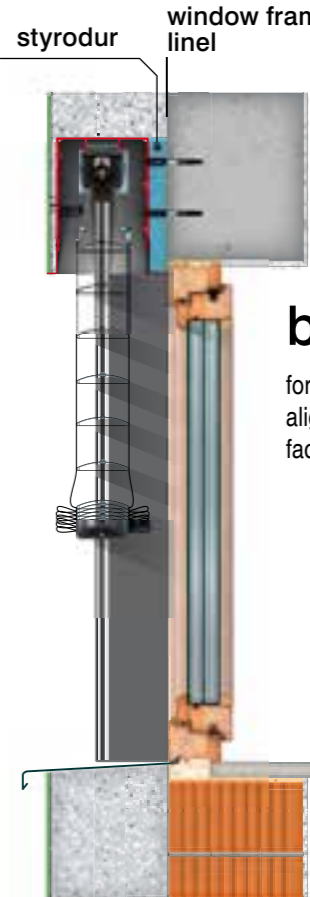
C_80^{box}

shape of slats	C
colour	RAL
electric drive	yes
manual drive	no
maximum width	4.5 m
maximum height	3.0 m
external use	yes
internal use	no



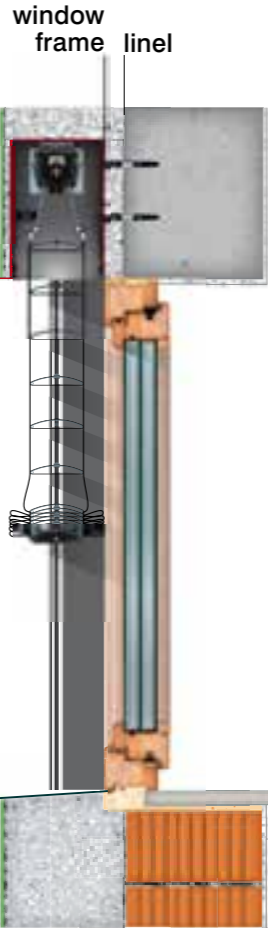
box 1

for window frames protruding from the facade



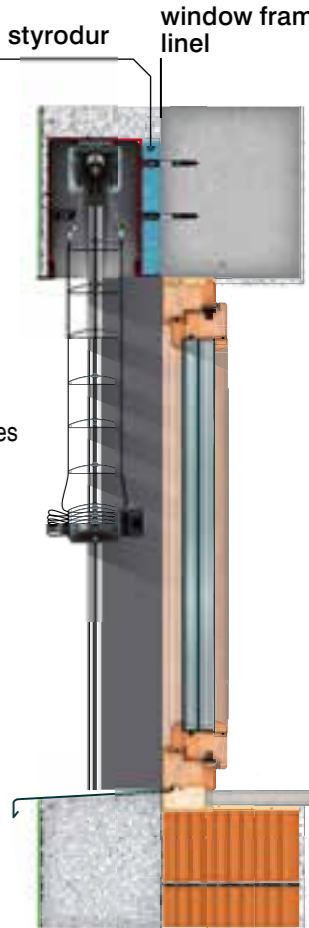
box 2

for window frames aligned with the facade



box 3

for window frames protruding from the facade



box 4

for window frames aligned with the facade



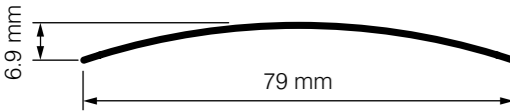
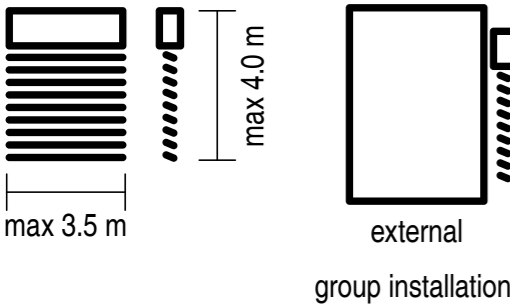
Properties:

- Cassette for under plaster installation made from extruded aluminium, equipped with an extension enabling external plaster application
- Revision lid enabling easy access and installation
- Box 2 and box 4 with windowhead insulation
- Electric drive
- Available self-supporting version where the cassette rests on guide rails
- Construction painted in any RAL colour
- New box 3 and 4 cassette is characterized by easy installation and increased rigidity.

system

C_80^{flat}

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	no

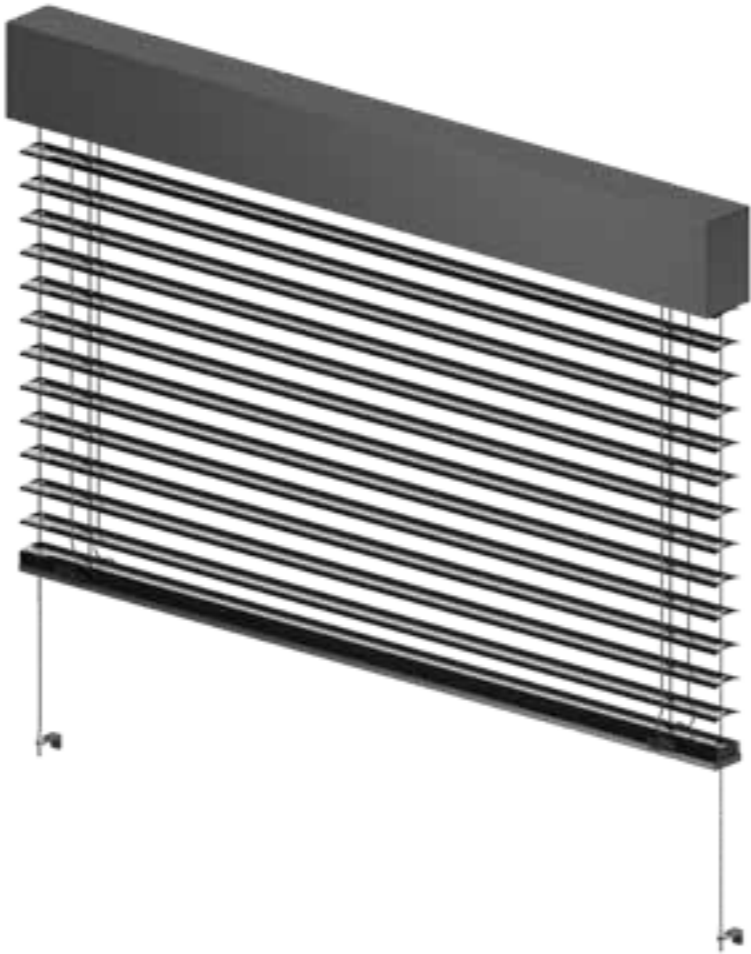
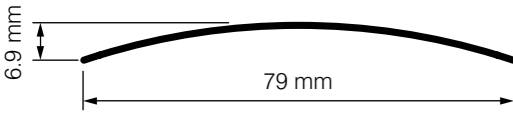
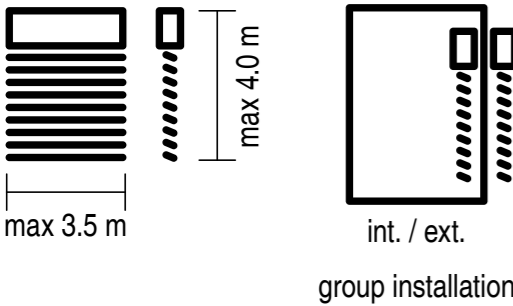


- Properties:
- Aluminium cover panel 1.2 mm or 2.0 mm thick in 4 types
 - Flat C-shaped slats of 0.4 mm thickness made from aluminium sheet
 - The minimum height of the bundle
 - Slats fitted with plastic parts
 - Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
 - Extruded aluminium guide rails
 - Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with **Kevlar®**
 - Optional under-plaster mounting
 - Option to connect any number of modules
 - Manual or electric drive

system

C_80L flat

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	yes



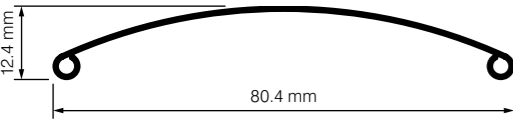
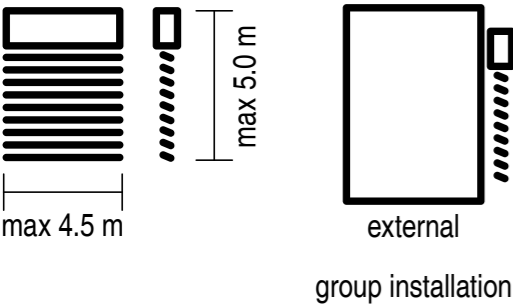
Properties:

- Aluminium cover panel 1.2 mm or 2.0 mm thick in 4 types
- Flat C-shaped slats of 0.4 mm thickness made from aluminium sheet
- The minimum height of the bundle
- Slats fitted with plastic parts
- Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
- Galvanized steel cable guides braided polyamide
- Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with aramid
- Option to connect any number of modules
- Manual or electric drive

system

C_80

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.5 m
maximum height	5.0 m
external use	yes
internal use	no

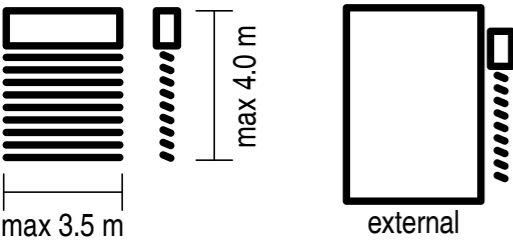


- Properties:
- Two variants of cover: extruded aluminium cassette or aluminium cover panel 1.2 mm or 2 mm thick in 4 types
 - Extruded aluminium guide rails
 - Self-supporting version available for Cube or Oval systems
 - C-shaped slats with rolled edges providing additional strength
 - Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
 - Wrapped openings for tapes to protect from abrasion
 - Pins from zinc and aluminium alloy
 - Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with aramid
 - Powder coated construction
 - Optional under-plaster mounting (not for self-supporting version)
 - Option to connect any number of modules
 - Manual or electric drive
 - For Cube or Oval systems only electric drive

system

C_80L

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	no



group installation



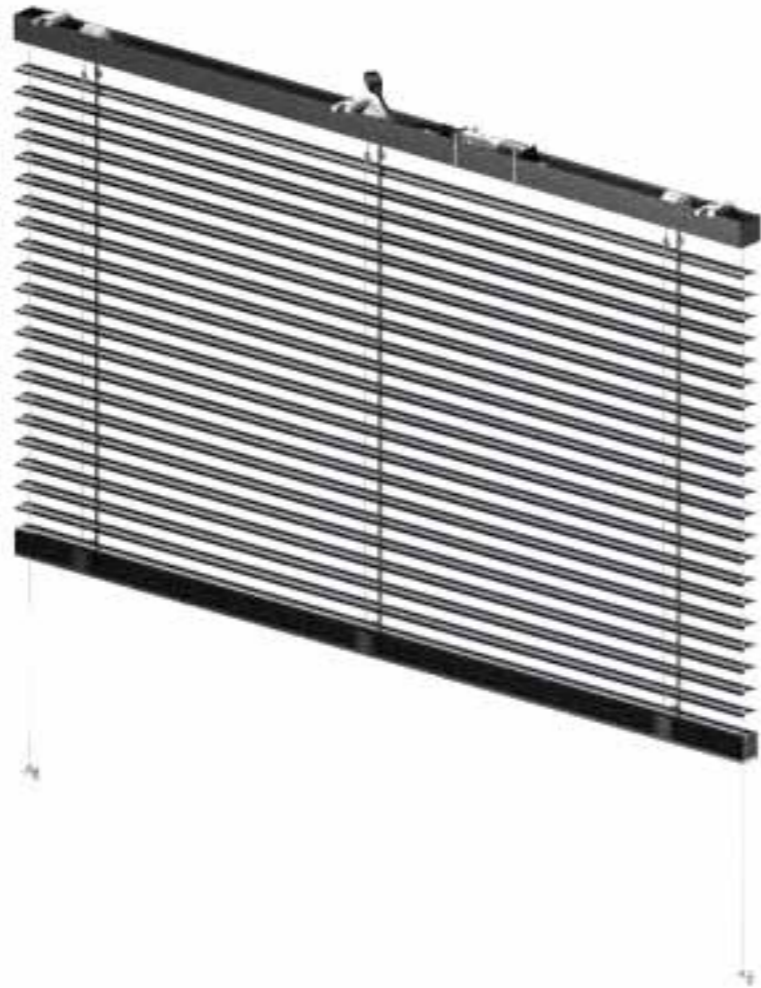
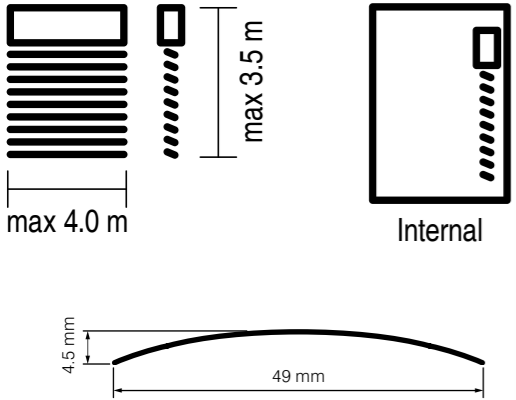
Properties:

- Aluminium cover panel 1.2 mm or 2.0 mm thick in 4 types
- Galvanized steel cable guides braided polyamide with a diameter of 3 mm
- C-shaped slats with rolled edges providing additional strength
- Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
- Wrapped openings for tapes to protect from abrasion
- Polyester textile components are thermally preserved, resistant to stretching, wearing and UV radiation, ladder strengthened with aramid
- Powder coated construction
- Optional under-plaster mounting
- Option to connect any number of modules
- Manual or electric drive

system

C_50^{slim}

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.0 m
maximum height	3.5 m
external use	no
internal use	yes

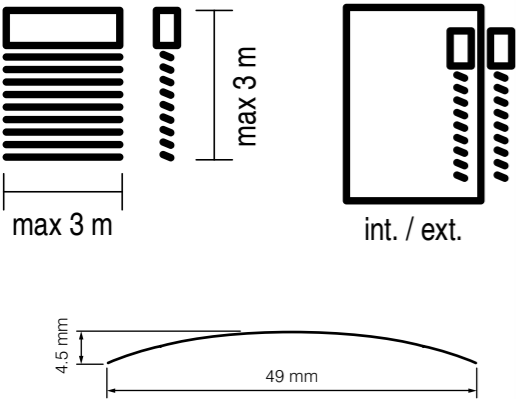


- Reversed head rail from extruded aluminium
- The ability to hide the blind in the niche or suspended ceiling
- Flat C-shaped slats of 0.21 mm thickness
- Slats with the addition of magnesium for durability and flexibility
- Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
- Optional perforated slats
- Textiles are thermally preserved, resistant to stretching, wearing and UV radiation
- Galvanized steel cable guides 1.6 mm thick braided polyamide or free-hanging version
- The minimum height of the bundle
- Powder coated construction
- Manual or electric drive

system

C_50L

shape of slats	C
colour	RAL
electric drive	yes
manual drive	yes
internal use	yes
• maximum width	3.0 m
• maximum height	3.0 m
external use	yes
• maximum width	2.5 m
• maximum height	2.5 m



- Properties:
- Aluminium cover panel 1.2 mm or 2.0 mm thick in 2 types
 - C-shaped slats of 49 mm width
 - Smooth control of the tilt angle of slats that makes it easy to adjust the light intensity
 - Galvanized steel cable guides (2.5 mm) braided polyamide with a diameter of 3 mm
 - Textiles are thermally preserved, resistant to stretching, wearing and UV radiation
 - Optional under-plaster mounting
 - Option to connect any number of modules
 - Powder coated construction
 - Manual or electric drive



system
sunbreaker

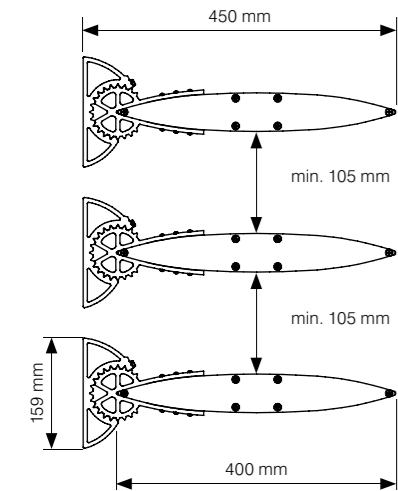
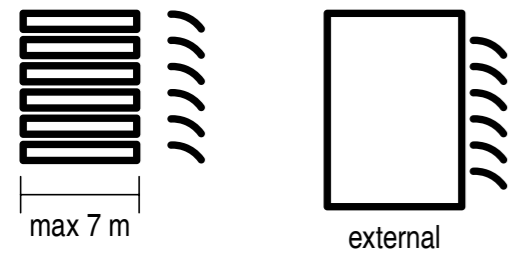
system

sunbreaker⁴⁰⁰_{fixed}

colour	RAL
electric drive	no
manual drive	no
maximum length of blade*	7 m
maximum height	-
external use	yes
internal use	no
the ability to change the angle of blades	yes (predefined)

* spacing between brackets 4 m

Realization date is settled individually



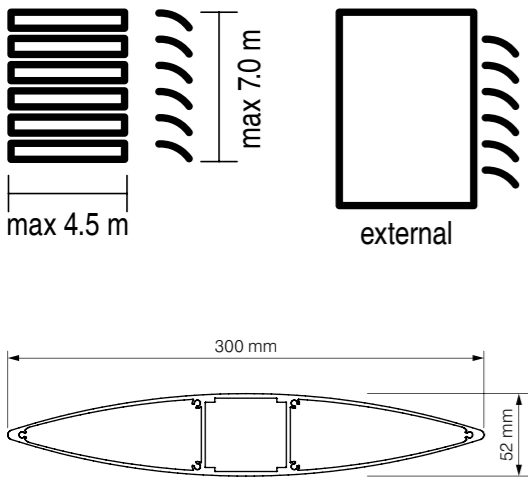
Properties:

- Lightweight blades made from extruded aluminium
- Enables shading horizontal and vertical surfaces
- Application of brackets mounted directly to the base allows to choose distance of blades during installation, no need to define it at the order stage
- Brackets are made of extruded aluminium, they provide high endurance and fast installation
- Ability to adjust the blade angle in the range of 90° (each 15°)
- Blades end caps made of aluminium
- System can be painted in any colour from RAL palette

system

sunbreaker³⁰⁰_{rotary}

colour	RAL
electric drive	yes
manual drive	no
maximum width	4.5 m
maximum height	7.0 m
external use	yes
internal use	no
the ability to change the angle of blades	yes



Properties:

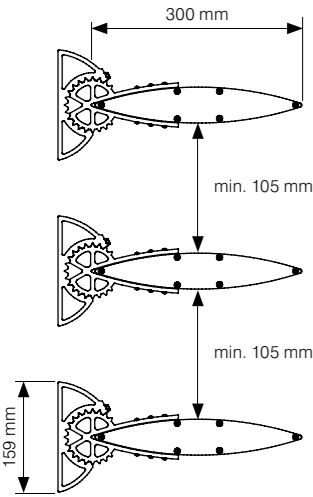
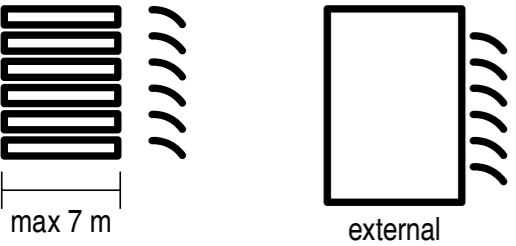
- Construction made from extruded aluminium
- Elliptic blades width of 300 mm
- Group installation option
- The ability to change the angle of blades from approx. 0° to 100°
- Operated by linear motor
- The blades bearings in the guides as well as the construction of the drive elements ensure noiseless operation of the system when blades are rotating
- System is installed onto external supporting facade construction
- Construction can be painted in any colour from RAL palette
- Brackets for self-supporting side guides

system

sunbreaker³⁰⁰_{fixed}

colour	RAL
electric drive	no
manual drive	no
maximum length of blade*	7 m
maximum height	-
external use	yes
internal use	no
the ability to change the angle of blades	yes (predefined)

* spacing between brackets 4 m



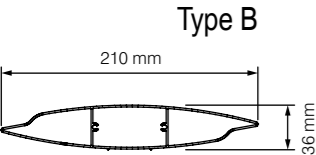
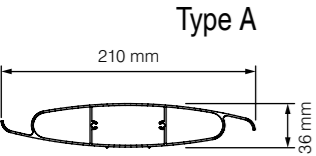
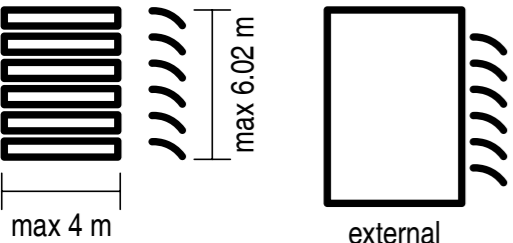
Properties:

- Lightweight blades made from extruded aluminium
- Enables shading horizontal and vertical surfaces
- Elliptic blade width of 300 mm
- Application of brackets mounted directly to the base allows to choose distance of blades during installation, no need to define it at the order stage
- Brackets are made of extruded aluminium, provide high endurance and fast installation
- The ability to adjust the blade angle in the range of 90° (each 15°)
- Blade end caps made of aluminium
- System can be painted in any colour from RAL palette

system

sunbreaker²¹⁰_{rotary}

colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.0 m
maximum height	6.02 m
external use	yes
internal use	no
the ability to change the angle of blades	yes



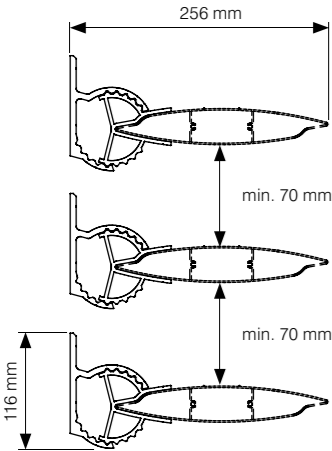
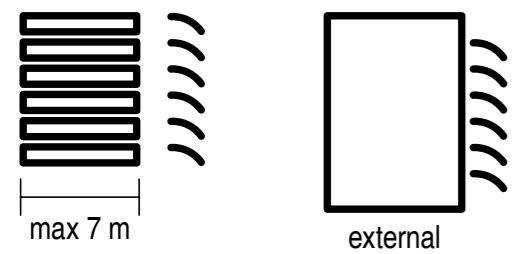
- Properties:
- Construction made from extruded aluminium
 - Two types of 210 mm width blades: Type A blade is designed for horizontal surfaces (roofing, skylights). Owing to the special shape of the blade when in the closed position, it provides protection from rain. Type B blade is designed for shading horizontal and vertical surfaces (building facades, pergola walls)
 - Lightweight aluminium construction for strength and durability
 - Rotation range up to 90° from the initial position of blades
 - It can be fixed both horizontally and vertically
 - Group installation option
 - Tilt angle of blades operated by linear motor
 - Construction can be painted in any colour from RAL palette

system

sunbreaker²¹⁰_{fixed}

colour	RAL
electric drive	no
manual drive	no
maximum width*	7 m
maximum height	-
external use	yes
internal use	no
the ability to change the angle of blades	yes (predefined)

* spacing between brackets 3 m



Properties:

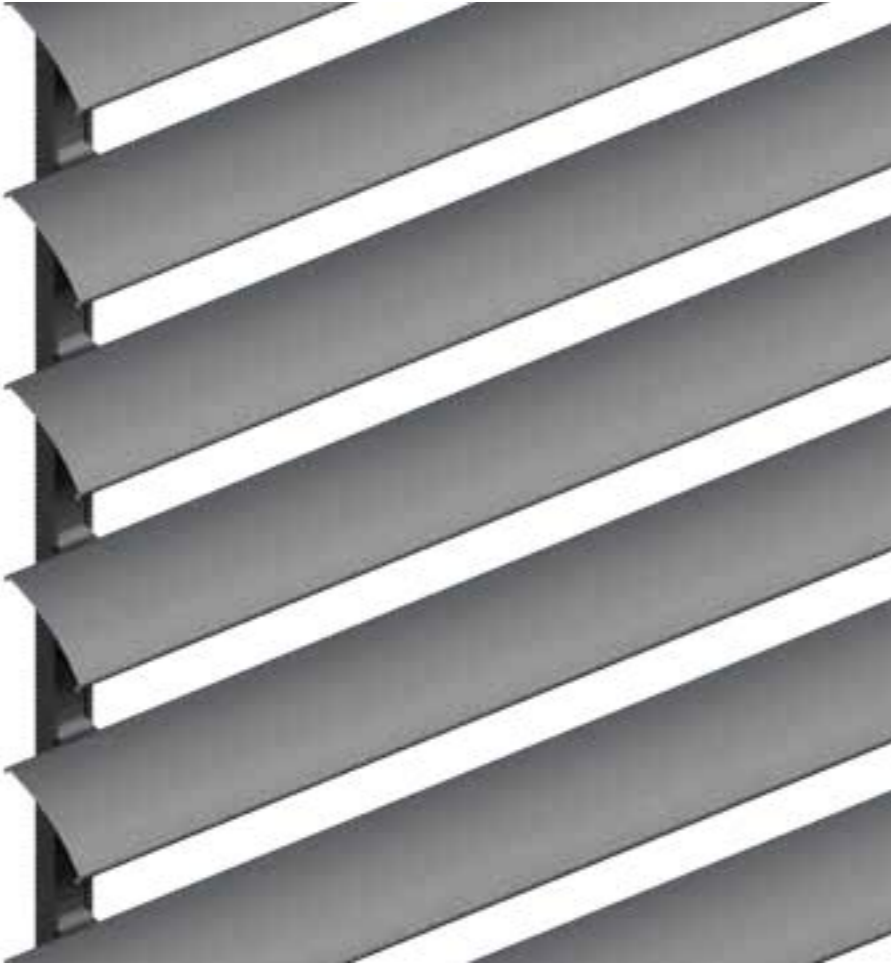
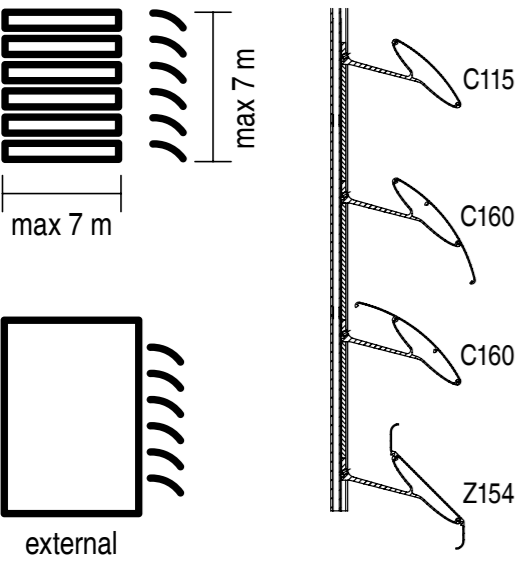
- Construction made from extruded aluminium
- Elliptic blades 210 mm wide
- Enables shading horizontal and vertical surfaces
- Application of brackets mounted directly to the base allows to choose distance of blades during installation, no need to define it at the order stage
- Brackets are made of extruded aluminium, provide high endurance and fast installation
- Ability to adjust the blade angle in the range of 60° (each 15°)
- Blade end caps made of aluminium
- System can be painted in any colour from RAL palette
- Various blade end caps available

system

sunbreaker^{clip}

colour	RAL
electric drive	no
manual drive	no
maximum length of the blade*	7 m
maximum height	7 m
external use	yes
internal use	no
the ability to change the angle of blades	no

* spacing between brackets: 1.8 m or 2.0 m depending on the chosen type of blade



Properties:

- Lightweight and durable blades made of extruded aluminium
- Using aluminium rail guides and spacers allows for fast installation
- Blade brackets made from extruded aluminium ensure high durability and fast installation without having to use any special tools
- Fixed angle of the blades
- Three types of blades (C115, C160, Z154)
- One type of bracket is used for all of the blades ensuring great versatility of the system
- Spacers of different length allow you to adjust the size of the gap between the blades to fit the user's needs and local weather conditions
- Construction can be painted in any colour from RAL palette

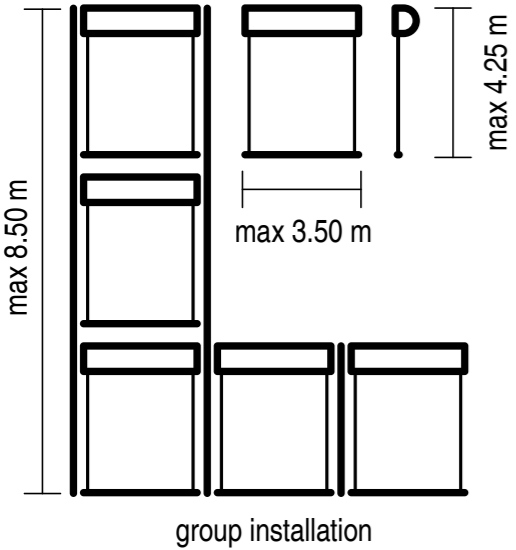


system
refleksol®

refleksol®

R_125

colour	RAL
electric drive	yes
manual drive	no
maximum width	3.50 m
maximum height	4.25 m
external use	yes
internal use	no

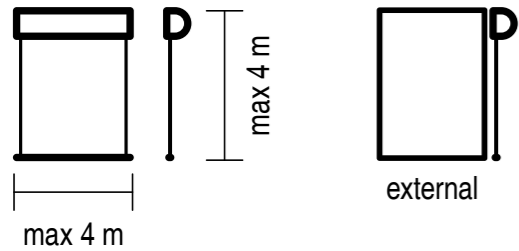


- Cassette made of round-shaped extruded aluminium
- Cable guides made of stainless steel 10 mm diameter
- Wide range of fabrics
- Access to revision from the front of the system
- Electric drive
- Dedicated for facade installation
- Option of vertical group installation (up to 8.5 m height)
- Construction available in any colour from RAL palette

refleksol®

R_120 ZIII P

colour	RAL
electric drive	yes
manual drive	no
maximum width	4 m
maximum height	4 m
external use	yes
internal use	no



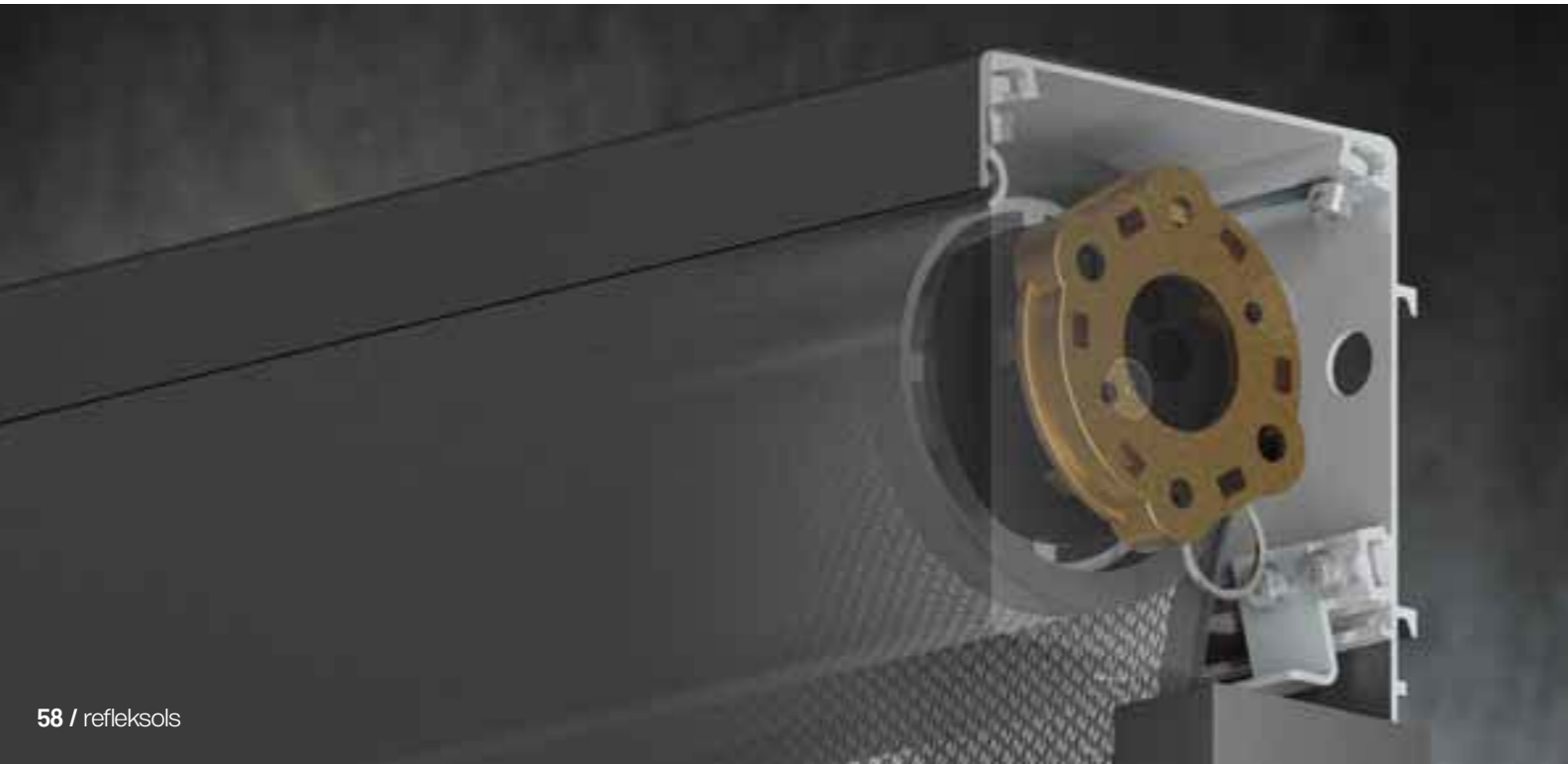
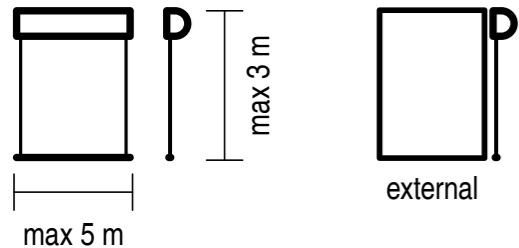
- Properties:
- Wind resistance class 6
 - Extruded aluminium cassette dedicated for niche and facade installation
 - Cassette for under plaster installation made from aluminium sheet, equipped with an extension enabling external plaster application
 - ZiiiP mechanism
 - Revision from the front of the cassette (under plaster version with revision from the bottom of the cassette)
 - Two-piece guide rail with compensating gaskets
 - Electric drive
 - Self-supporting system
 - Construction available in any colour from RAL palette
 - Optional modular brackets for guide rails

refleksol®

R_120

ZiiiP
LARGE

colour	RAL
electric drive	yes
manual drive	no
maximum width	min 4 m max 5 m
maximum height	3 m
external use	yes
internal use	no

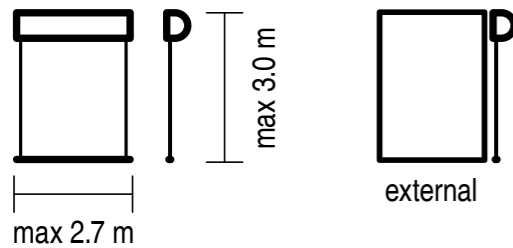


- Properties:
- Width of the system from 4 m to 5 m
 - Extruded aluminium cassette dedicated for niche and facade installation
 - ZiiiP mechanism
 - Revision from the front of the cassette
 - Two-piece guide rail with compensating gaskets
 - Electric drive
 - Self-supporting system
 - Construction available in any colour from RAL palette
 - System is compatible with Pergola SELT

refleksol®

R_95^{ZIIP}

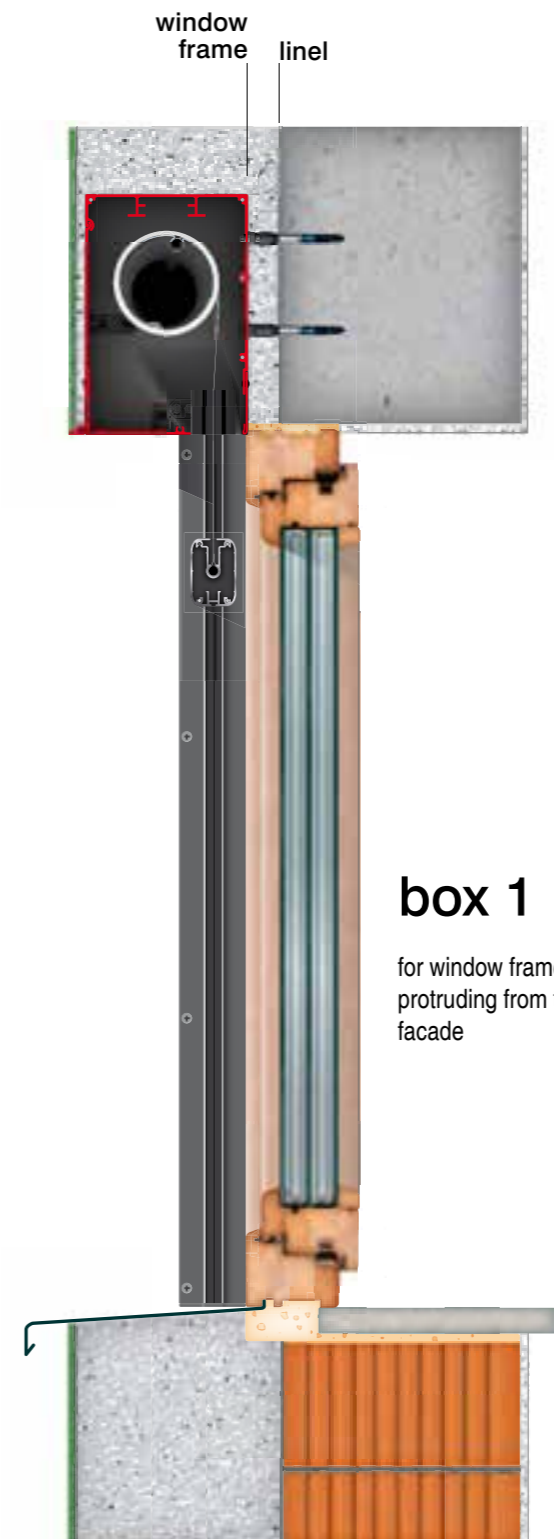
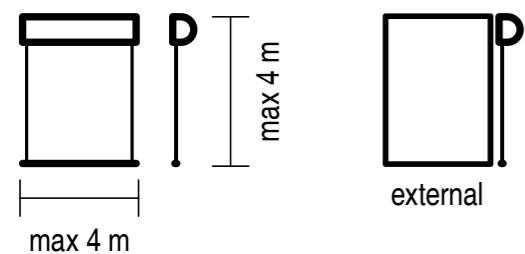
colour	RAL
electric drive	yes
manual drive	no
maximum width	2.7 m
maximum height	3.0 m
external use	yes
internal use	no



- Properties:
- Wind resistance class 6
 - Cassette for niche or wall installation made from extruded aluminium
 - Ziiip mechanism
 - Revision from the front of the cassette
 - Two-piece guide rail with compensating gaskets
 - Electric drive
 - Self-supporting system
 - Construction available in any colour from RAL palette
 - Optional modular brackets for guide rails

R_ZIPPbox

colour	RAL
electric drive	yes
manual drive	no
maximum width	4 m
maximum height	4 m
external use	yes
internal use	no



Properties:

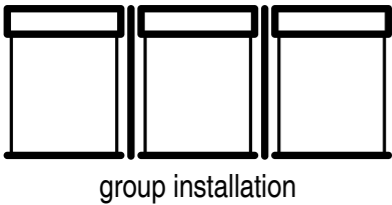
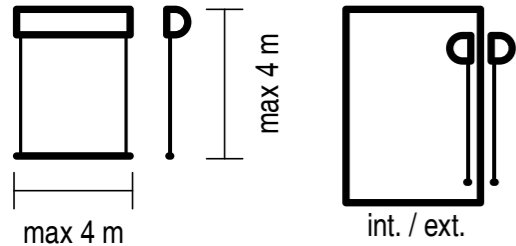
- Wind resistance class 6
- Cassette for under plaster installation made from extruded aluminium, equipped with an extension enabling external plaster application
- ZiiiP mechanism
- Two revision lids enabling easy access and installation
- Two-piece guide rail with compensating gaskets system

- Bottom bar concealed in the cassette
- Box 2 with windowhead insulation
- Wide range of fabrics
- Electric drive
- Available self-supporting version where the cassette rests on guide rails
- Construction painted in any RAL colour

refleksol®

R_120

colour	RAL
electric drive	yes
manual drive	no
extruded aluminium sideguides	
maximum width	4.0 m
maximum height	4.0 m
external use - cable guide	
maximum width	3.5 m
maximum height	3.0 m
internal use - cable guide	
maximum width	4.0 m
maximum height	4.0 m

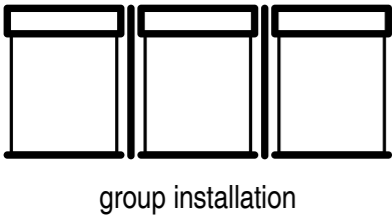
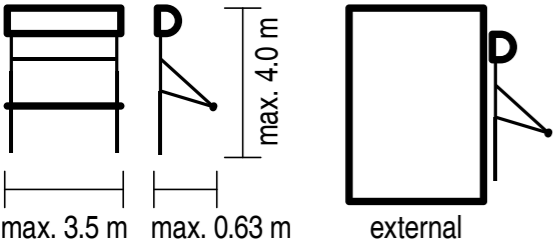


- Properties:
- Cassette dedicated for concealed installation made of aluminium sheet. The cassette has an extension that enables putting plaster on it
 - Cassette dedicated for niche and facade installation made of extruded aluminium
 - Extruded aluminium sideguides or cable guides made of stainless steel
 - Revision from the front of the cassette
 - Wide range of fabrics
 - Electric drive
 - Self-supporting option available
 - Group mounting
 - Construction available in any colour from RAL palette
 - Anti-wind bars option available

markisolette

MR_120

colour	RAL
electric drive	yes
manual drive	no
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	no



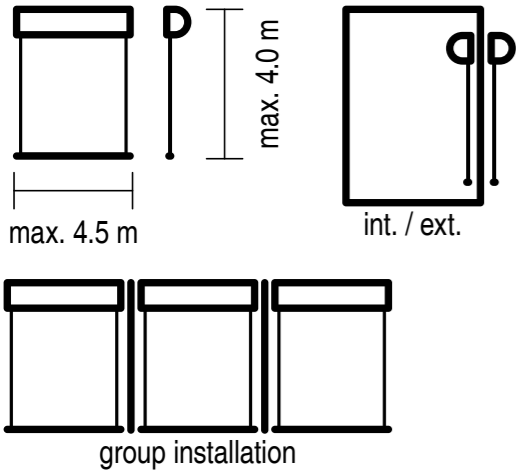
Properties:

- Cassette dedicated for concealed installation made of aluminium sheet. The cassette has an extension that enables putting plaster on it
- Cassette dedicated for niche and facade installation made of extruded aluminium
- Extruded aluminium sideguides
- Special arm ranging from 90-135 degrees
- Self-supporting option available
- Revision from the front of the cassette
- Wide range of fabrics
- Electric drive
- Construction available in any colour from RAL palette

refleksol®

R_103

colour	RAL
electric drive	yes
manual drive	yes
external use - extruded sideguides	
maximum width	4.5 m
maximum height	4.0 m
external use - cable guides	
maximum width	3.5 m
maximum height	3.0 m
internal use - cable guides	
maximum width	4.5 m
maximum height	4.0 m

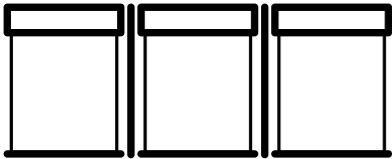
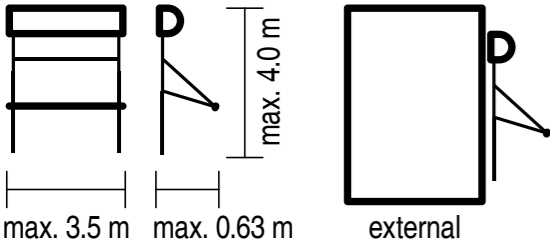


- Properties:
- Cassette made of extruded aluminium
 - Revision from the front of the cassette
 - Extruded aluminium sideguides or cable guides made of stainless steel
 - Anti-wind bars option available
 - Wide range of fabrics
 - Manual or electric drive
 - Dedicated for the wall, niche and facade installation
 - Group mounting
 - Self-supporting option available
 - Construction available in any colour from RAL palette

markisolette

MR_103

colour	RAL
electric drive	yes
manual drive	yes
maximum width	3.5 m
maximum height	4.0 m
external use	yes
internal use	no



group installation

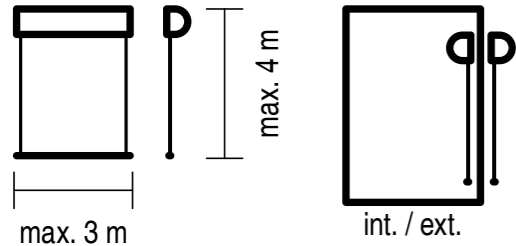


- Properties:
- Cassette made of extruded aluminium
 - Revision from the front of the cassette
 - Extruded aluminium sideguides
 - Special arm ranging from 90-135 degrees
 - Wide range of fabrics
 - Manual or electric drive
 - Self-supporting option available
 - Construction available in any colour from RAL palette

refleksol®

R_90

colour	RAL
electric drive	yes
manual drive	yes
use - extruded sideguides	
maximum width	3 m
maximum height	4 m
external use - cable guides	
maximum width	3 m
maximum height	3 m
internal use - cable guides	
maximum width	3 m
maximum height	4 m

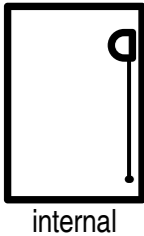
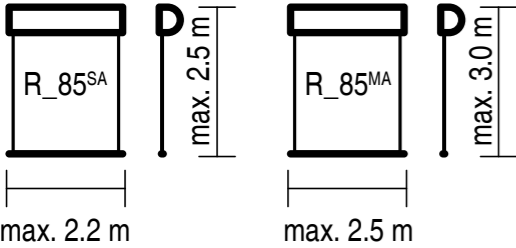


- Properties:
- Cassette made of extruded aluminium
 - Revision available from the front of the cassette
 - Extruded aluminium sideguides or cable guides from stainless steel
 - Anti-wind bars option available
 - Wide range of fabrics
 - Manual or electric drive
 - Dedicated for the wall, niche and facade installation
 - Self-supporting option available
 - Construction available in any colour from RAL palette

refleksol®

R_85^{SA}/MA

colour	RAL
electric drive	no
manual drive	yes
maximum width (R85 SA)	2.2 m
maximum width (R85 MA)	2.5 m
maximum height (R85 SA)	2.5 m
maximum height (R85 MA)	3.0 m
external use	no
internal use	yes

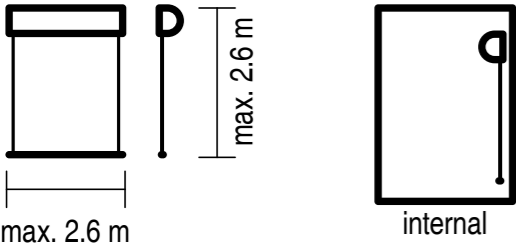


- Properties:
- Square-shaped cassette made of extruded aluminium
 - Free-hanging system
 - Internal installation
 - Wide range of fabrics
 - Plastic cassette end caps
 - Operation by a chain R85 MA
 - Operation by a chain or special bottom bar R85 SA
 - Self-braking mechanism (only R85 SA)
 - Construction available in any colour from RAL palette
 - Chain safety bracket included

refleksol®

R_85^A

colour	RAL
electric drive	yes
manual drive	no
maximum width	2.6 m
maximum height	2.6 m
external use	no
internal use	yes

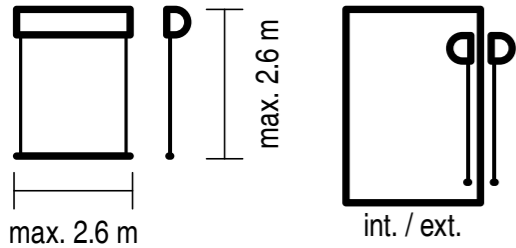


- Properties:
- Square-shaped cassette made of extruded aluminium
 - Aesthetic aluminium end caps in colour of the cassette
 - Free-hanging system
 - Internal installation
 - Wide range of fabrics
 - Electric operation
 - Construction available in any colour from RAL palette

refleksol®

R_76

colour	RAL
electric drive	yes
manual drive	yes
maximum width	2.6 m
maximum height	2.6 m
external use	yes
internal use	yes



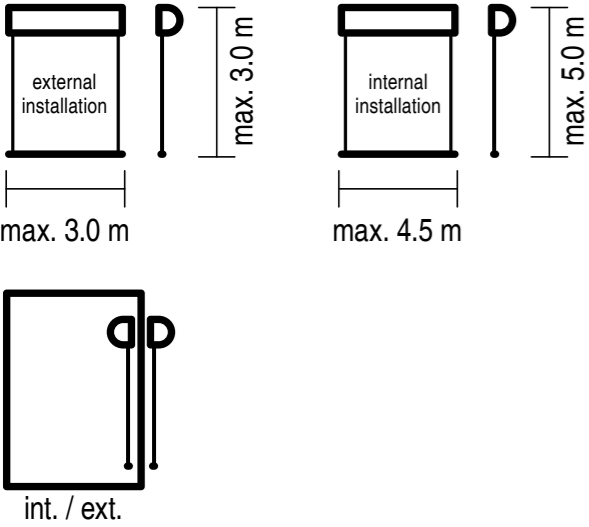
- Properties:

 - Cassette made of extruded aluminium
 - Revision from the back of the cassette
 - Extruded aluminium sideguides or cable guides from stainless steel
 - Wide range of fabrics
 - Manual or electric drive
- Dedicated to the wall, niche and facade installation
 - Self-supporting option available
 - Construction available in any colour from RAL palette

refleksol®

R_XXL

colour	RAL
electric drive	yes
manual drive	yes
external use	
maximum width	3.0 m
maximum height	3.0 m
internal use	
maximum width	4.5 m
maximum height	5.0 m

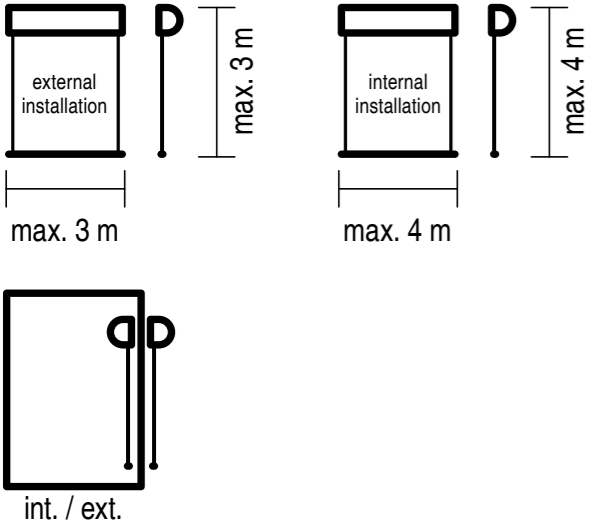


- Properties:
- System without cassette
 - Cable guides made of stainless steel
 - Free-hanging system available only in internal installation option
 - Various bottom bars available
 - Wide range of fabrics
 - Manual or electric drive
 - Wall or ceiling installation
 - Construction available in any colour from RAL palette

refleksol®

R_XL

colour	RAL
electric drive	yes
manual drive	yes
external use	
maximum width	3 m
maximum height	3 m
internal use	
maximum width	4 m
maximum height	4 m

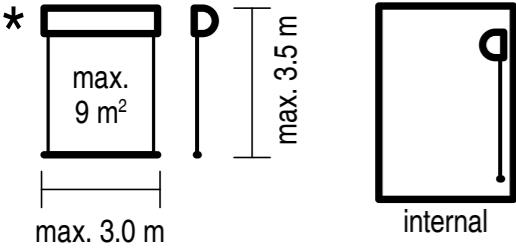


- Properties:
- System without cassette
 - Aluminium brackets
 - Cable guides made of stainless steel
 - Free-hanging system available only in internal installation option
 - Various bottom bars available
 - Wide range of fabrics
 - Manual or electric drive
 - Wall or ceiling installation
 - Construction available in any colour from RAL palette

refleksol®

R_XL^{MA}

colour	RAL
electric drive	no
manual drive	yes
maximum width	3.0 m
maximum height	3.5 m
external use	no
internal use	yes



* the detailed information available in the price list



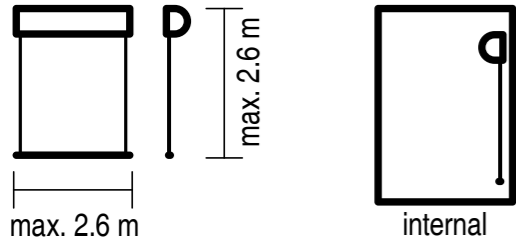
- Properties:

 - System without cassette
 - Aluminium brackets
 - Cable guides made of stainless steel or free-hanging system
 - Bottom bar with extra weight
 - Wide range of fabrics
- Manual drive operated by a metal ball chain
 - Wall or ceiling installation
 - System dedicated for internal installation
 - Construction available in any colour from RAL palette
 - Chain safety bracket included

refleksol®

R_XS

colour	RAL
electric drive	yes
manual drive	yes
maximum width	2.6 m
maximum height	2.6 m
external use	no
internal use	yes



- Properties:

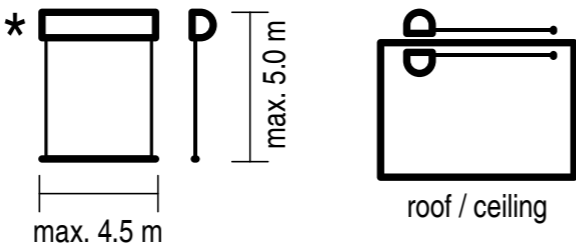
 - System without cassette
 - Small aluminium brackets
 - Cable guides made of stainless steel or free-hanging system
 - Various bottom bars available
 - Wide range of fabrics
- Manual or electric drive
 - Wall or ceiling installation
 - System dedicated for internal installation only
 - Construction available in any colour from RAL palette



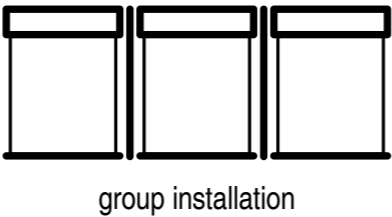
system
veranda

system veranda

colour	RAL
electric drive	yes
manual drive	no
maximum width	4.5 m
maximum height	5.0 m



** detailed information available in the price list*

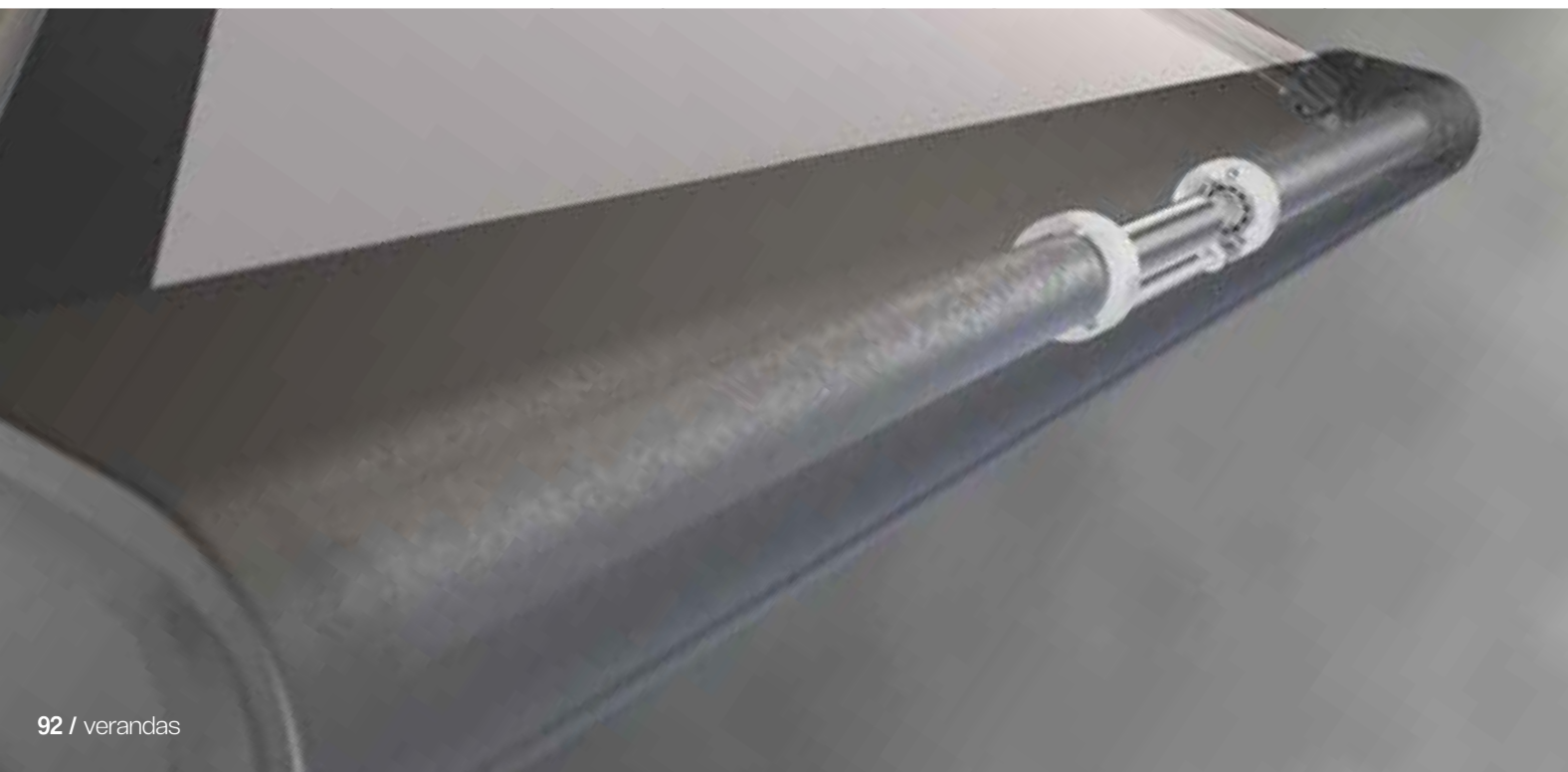
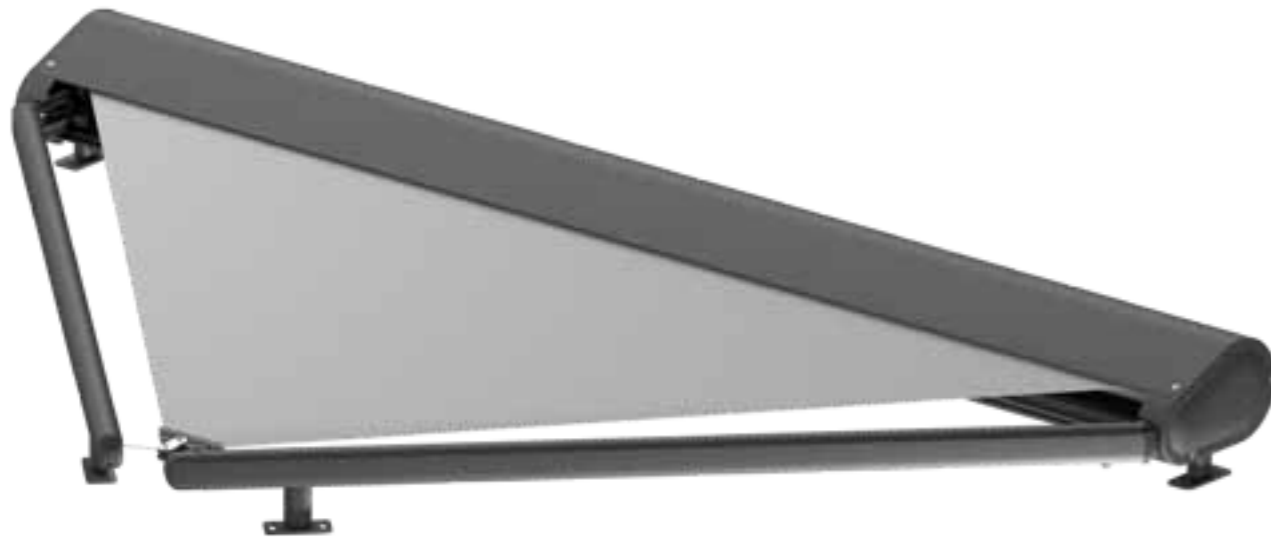
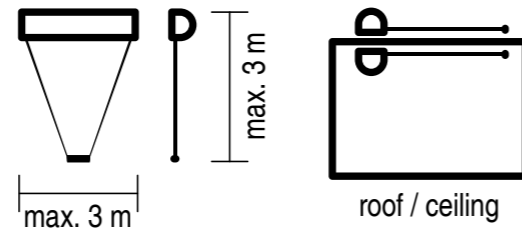


- Properties:

 - Construction from extruded aluminium
 - Fabric tensioning system
 - Roof or ceiling installation
 - Wide range of fabrics
 - Electric drive
 - Veranda can be installed at any angle provided that the entire system is positioned in the same plane (cassette and side guides)
- Option to connect any number of modules
 - Construction available in any colour from RAL palette

system veranda^s

colour	RAL
electric drive	yes
manual drive	no
maximum width	3 m
maximum height	3 m

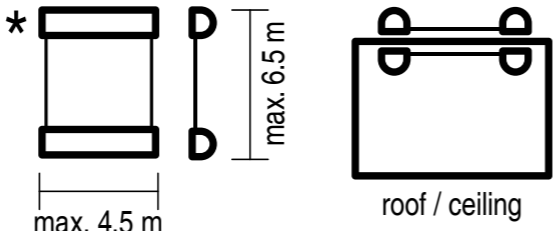


Properties:

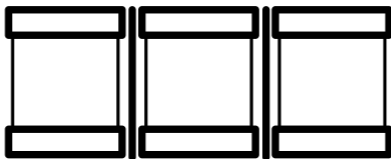
- Construction from extruded aluminium
- Fabric tensioning system in the roller tube
- Roof or ceiling installation
- Possible to cover the irregular shaped glazing like triangles and symmetrical trapeziums
- Wide range of fabrics
- Electric drive
- Veranda can be installed at any angle provided that the entire system is positioned in the same plane (cassette and side guides)
- Construction available in any colour from RAL palette

system veranda^{FTS}

colour	RAL
electric drive	yes
manual drive	no
maximum width	4.5 m
maximum height	6.5 m



* detailed information available in the price list



group installation



Properties:

- Construction made of extruded aluminium
- Two cassettes with group installation option
- Two motors with built-in load sensors
- Roof or ceiling installation
- Possibility to cover big surfaces without the need to divide the surface to smaller systems
- Wide range of fabrics
- Veranda can be installed at any angle provided that the entire system is positioned in the same plane (cassette and side guides)
- Electric drive
- Construction available in any colour from RAL palette

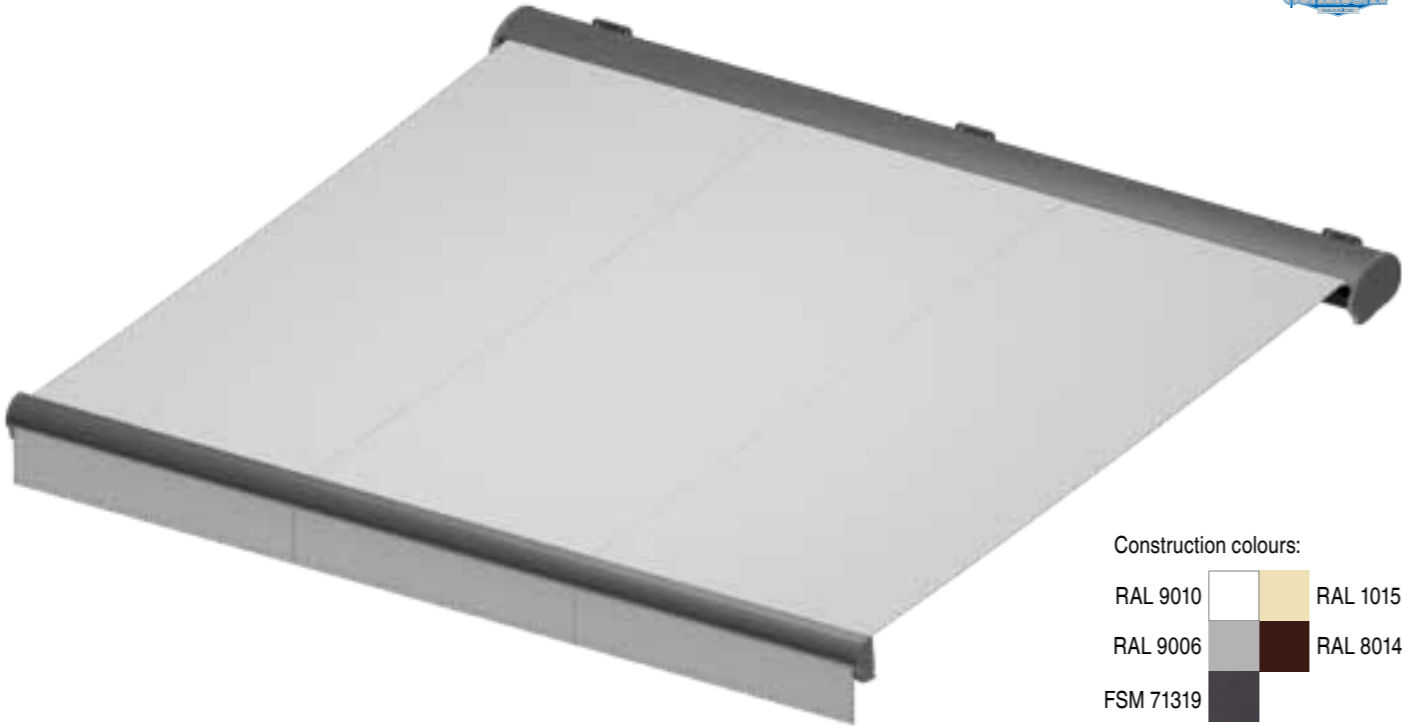


awnings

terrace awning

dakar

colour	RAL
electric drive	yes
manual drive	yes
maximum width	6.0 m
maximum projection	3.6 m
cassette	yes
tilt angle	5°-40°
fabric	150 patterns
valance	yes



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.



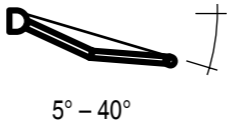
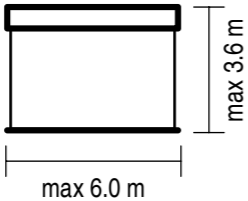
Properties:

- Construction made from extruded aluminium
- Flyer's chains in the arms
- Roller tube support
- Cassette protects the fabric from weather conditions
- The use of gasket in the cassette additionally protects the fabric
- Possibility of using telescopic front bar support
- Easy operation with the use of full automatic

terrace awning

casablanca

colour	RAL
electric drive	yes
manual drive	yes
maximum width	6.0 m
maximum projection	3.6 m
cassette	yes
tilt angle	5°-40°
fabric	150 patterns
valance	no



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.

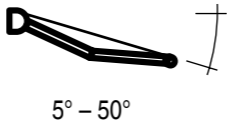
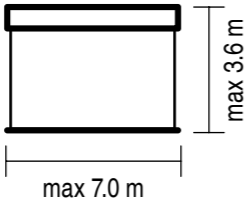


- Properties:
- Construction made from extruded aluminium
 - Flyer's chains in the arms
 - Roller tube support with big widths
 - Cassette protecting the fabric from weather conditions
 - The use of gasket in the cassette additionally protects the fabric
 - Aluminium end caps
 - Easy operation with the use of full automatic conditions

terrace awning

palladio

colour	RAL
electric drive	yes
manual drive	yes
maximum width	7.0 m
maximum projection	3.6 m
cassette	yes
tilt angle	5°-50°
fabric	150 patterns
valance	yes



HOME MOTION by
somfy

somfy
TaHomA

BBSA
BRITISH BLIND & SHUTTER ASSOCIATION

RTS
Radio Technology Somfy

LCN
Local Control Network

SM
STANDARD
MOTOR INTERFACE

io
homecontrol

QUICK-CLIP
EASY TO INSTALL



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.



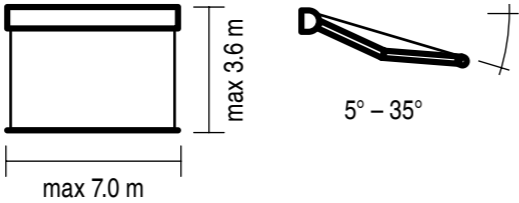
Properties:

- Construction made from extruded aluminium
- Flyer's chains in the arms
- Square bar
- Additionally strengthened cassette
- Cassette protects the fabric from weather conditions
- Supporting square bar facilitates installation
- Possibility of using overlapping arms
- Easy operation with the use of full automatic
- Possibility of using telescopic front bar support

terrace awning

corsica

colour	RAL
electric drive	yes
manual drive	no
maximum width	7.0 m
maximum projection	3.6 m
cassette	yes
tilt angle	5°-35°
fabric	150 patterns
valance	no



HOME MOTION by
somfy

TaHomA

BBSA
BRITISH BLIND & SHUTTER ASSOCIATION

RTS
Radio Technology Somfy

LCN
Long Control Nucleon

SM
STANDARD MOTOR INTERFACE

io
homecontrol

LED
TECHNOLOGY

panicon



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		



Properties:

- Construction made from extruded aluminium
- Flyer's chains in the arms
- Square bar
- Cassette protecting the fabric from weather conditions
- Square bare facilitates the installation
- Easy operation with the use of full automatic
- Aluminium end caps
- Possibility of using LED lighting in the lower cover panel allows for using the awning also in the evenings

terrace awning

giant

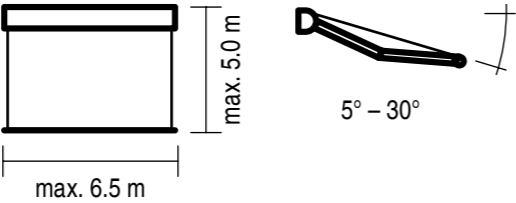
colour	RAL
electric drive	yes
manual drive	no
maximum width*	6.5 m
maximum projection	5.0 m
cassette	no
optional hood	no
tilt angle	5°-30°
fabric	150 patterns
valance	yes

* max. 6 m for projection 5 m



Construction colours:

- RAL 9010
- FSM 71319



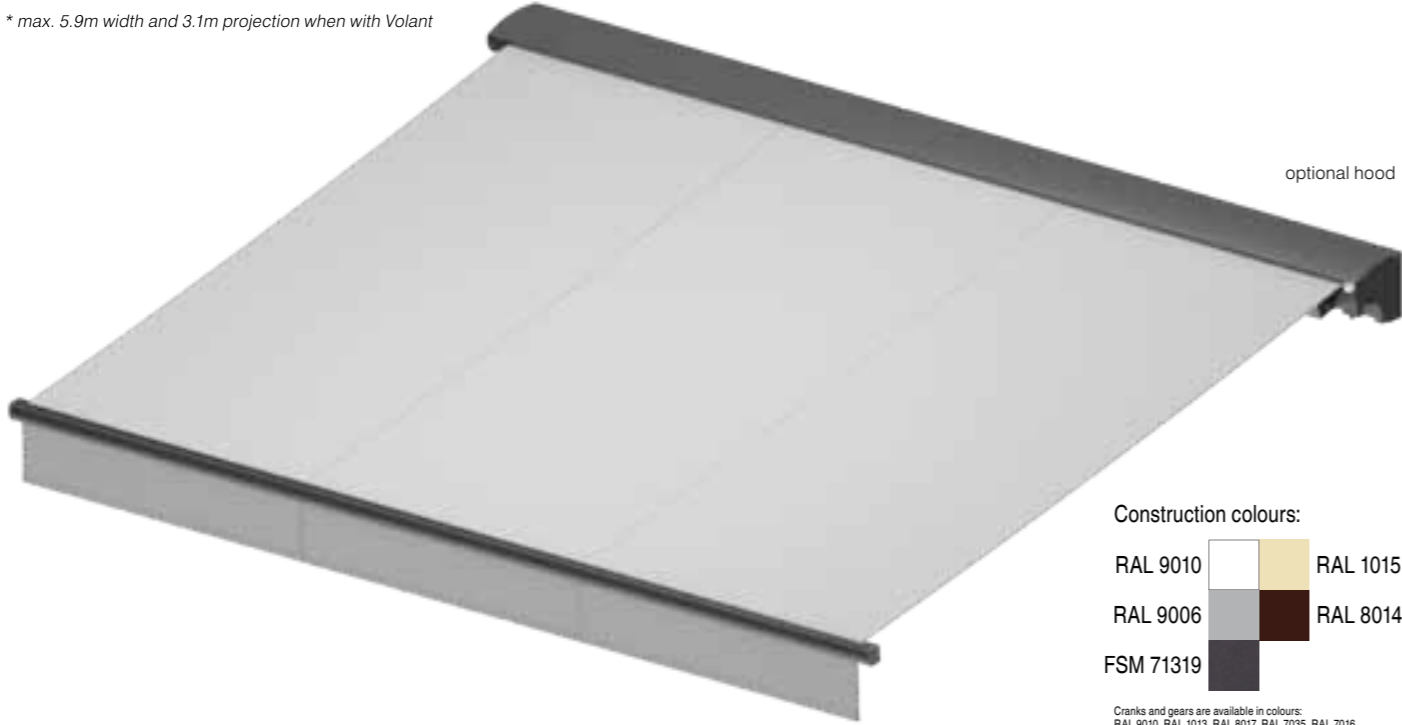
- Properties:
- Construction made from extruded aluminium
 - Strengthened Flyer's chains in the arms
 - Double square bar
 - Square bar facilitates the installation
 - System dedicated for shading very big areas
 - Easy operation with the use of full automatic

terrace awning

jamaica

colour	RAL
electric drive	yes
manual drive	yes
maximum width*	7.0 m
maximum projection*	3.6 m
cassette	no
optional hood	yes
tilt angle	5°-40°
fabric	150 patterns
valance	yes
volant valance - with manual drive	yes
• maximum height for soltis fabrics	1.5 m
• maximum height for acrylic fabrics	1.2 m

* max. 5.9m width and 3.1m projection when with Volant



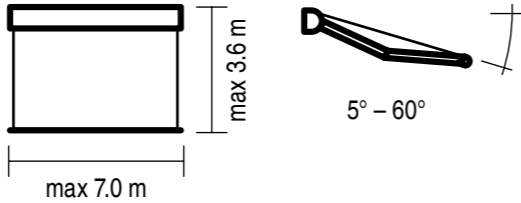
Properties:

- Construction made from extruded aluminium
- Flyer's chains in the arms
- Square bar
- Roller tube support with big widths
- Optional hood protects the rolled fabric from weather conditions
- Supporting bar facilitating installation
- Possibility of using overlapping arms
- Using Volant is not only additional protection from sun but it also increases privacy
- Easy operation with the use of full automatic
- Possibility of using telescopic front bar support

terrace awning

australia

colour	RAL
electric drive	yes
manual drive	yes
maximum width	7.0 m
maximum projection	3.6 m
cassette	no
optional hood	no
tilt angle	5°-60°
fabric	150 patterns
valance	yes



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.



- Properties:
- Construction made from extruded aluminium
 - Flyer's chains in the arms
 - Square bar
 - Roller tube support with big widths
 - Supporting bar facilitating installation
 - The construction allows for installation even with limited space
 - Possibility of using overlapping arms
 - Easy operation with the use of full automatic
 - Possibility of using telescopic front bar support

terrace awning

silver plus

colour	RAL
electric drive	yes
manual drive	yes
maximum width	5.3 m
maximum projection	2.5 m
cassette	no
optional hood	yes
tilt angle	5°-40°
fabric	150 patterns
valance	yes



Construction colours:
RAL 9010 ☐



- Properties:
- Construction made from extruded aluminium
 - Flyer's chains in the arms
 - Square bar
 - Possibility of hood installation which protects rolled fabric from weather conditions
 - Supporting bar facilitating installation
 - Possibility of using overlapping arms
 - Easy operation with the use of full automatic
 - Possibility of using telescopic front bar support

terrace awning

malta

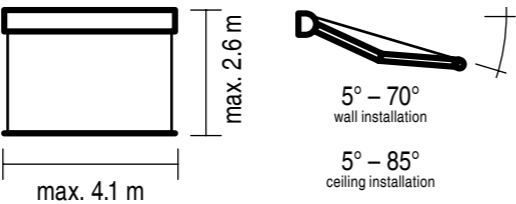
colour	RAL
electric drive	yes
manual drive	yes
maximum width	4.1 m
maximum projection	2.6 m
cassette	no
optional hood	no
tilt angle	5°-70° (wall) 5°-85° (ceiling)
fabric	150 patterns
valance	yes



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.

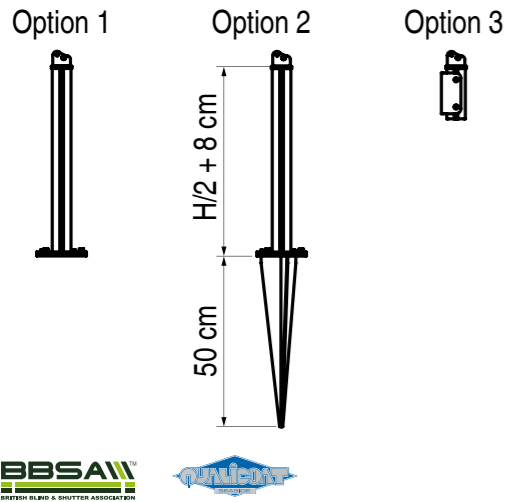
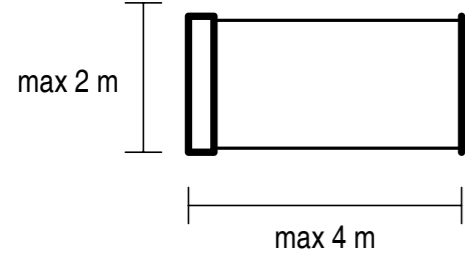


- Properties:
- Construction made from extruded aluminium
 - Flyer's chains in the arms
 - Universal brackets for wall and ceiling installation
 - Simplified mechanism of tilt angle regulation
 - Easy operation with the use of full automatic
 - Possibility of using telescopic front bar support

side screen

bora

colour	RAL
electric drive	no
manual drive	yes
maximum height	2.0 m
min. height	1.1 m
max. projection	4.0 m
cassette	yes
fabric	150 patterns



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		



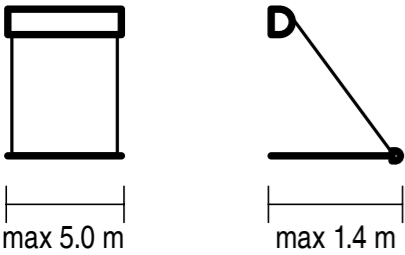
- Properties:
- Construction made from extruded aluminium
 - Cassette protects the fabric from weather conditions
 - Three types of front bar mounting:
Option 1: to hard surface
Option 2: to soft surface
Option 3: to the wall

balcony awning

italia box

colour	RAL
electric drive	yes
manual drive	yes
maximum width	5.0 m
maximum projection	1.4 m
cassette	yes
tilt angle*	90°
fabric	150 patterns
valance	yes

* 140° on request



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.



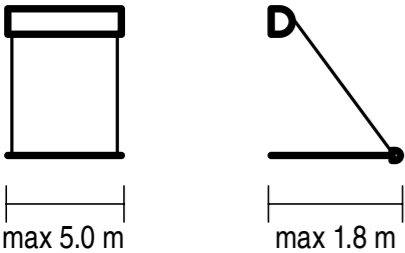
- Properties:
- Construction made from extruded aluminium
 - Cassette protects the fabric from weather conditions
 - Easy installation thanks to brackets and separately mounted arms
 - Spring in the arms tightens the fabric and prevents the arms from folding under wind pressure
 - Easy operation with the use of full automatic

balcony awning

italia

colour	RAL
electric drive	yes
manual drive	yes
maximum width	5.0 m
maximum projection	1.8 m
cassette	no
optional hood	no
tilt angle*	90°
fabric	150 patterns
valance	yes

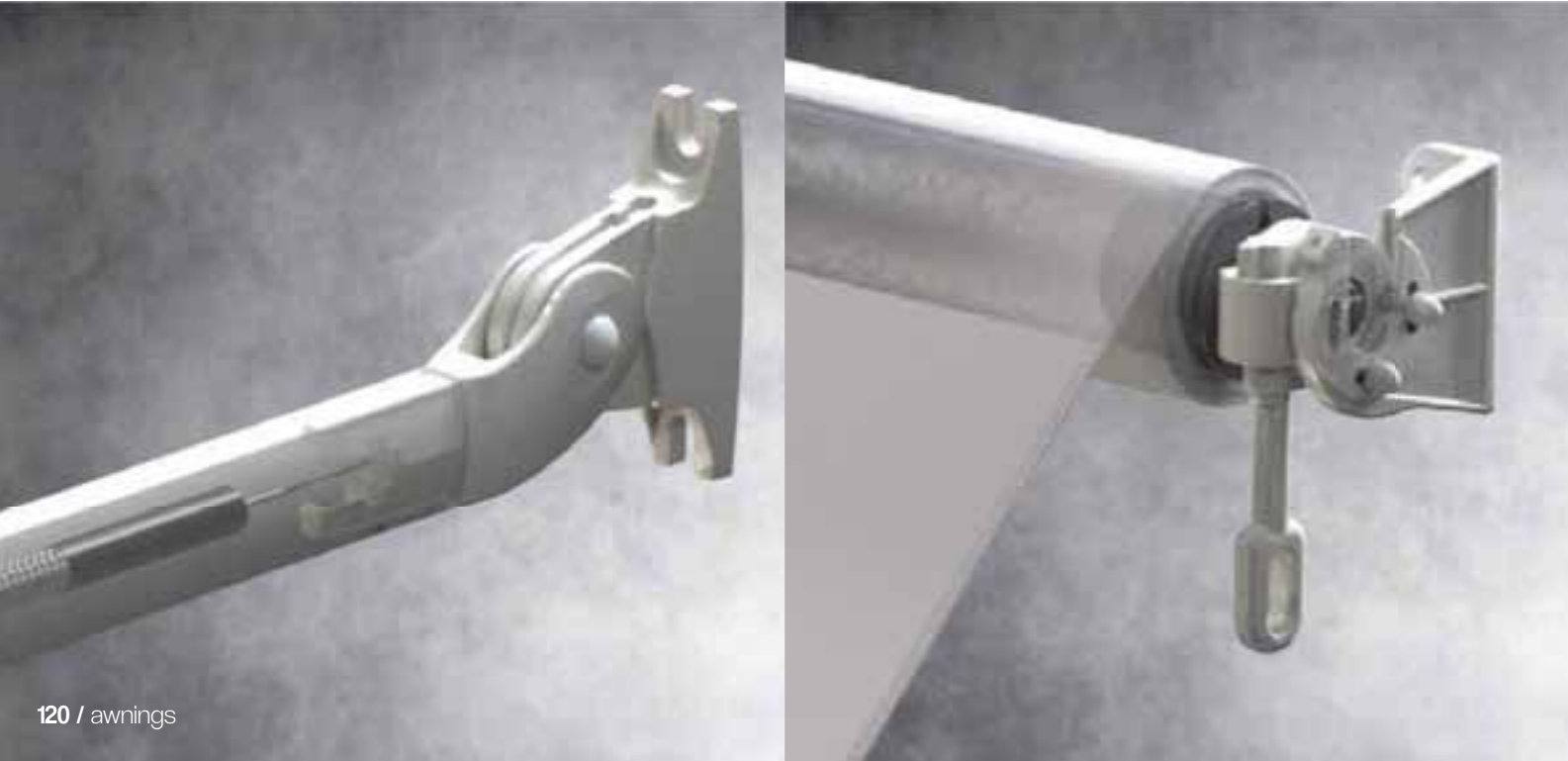
* 160° on request



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.



- Properties:
- Construction made from extruded aluminium
 - Easy installation thanks to separately mounted brackets and arms
 - Spring in the arms tightens the fabric and prevents the arms from folding under wind pressure
 - Easy operation with the use of full automatic

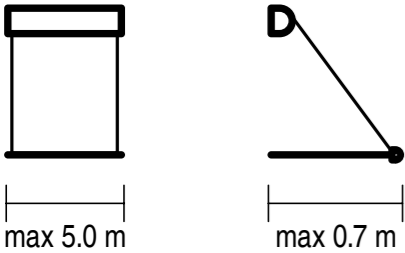
balcony awning

italia

balcony

colour	RAL
electric drive	no
manual drive	yes
maximum width	5.0 m
maximum projection	0.7 m
cassette	no
optional hood	no
tilt angle*	90°
fabric	150 patterns
valance	yes

* maximum tilt angle depends on arms installation place



Construction colours:

RAL 9010		RAL 1015
RAL 9006		RAL 8014
FSM 71319		

Cranks and gears are available in colours:
RAL 9010, RAL 1013, RAL 8017, RAL 7035, RAL 7016.

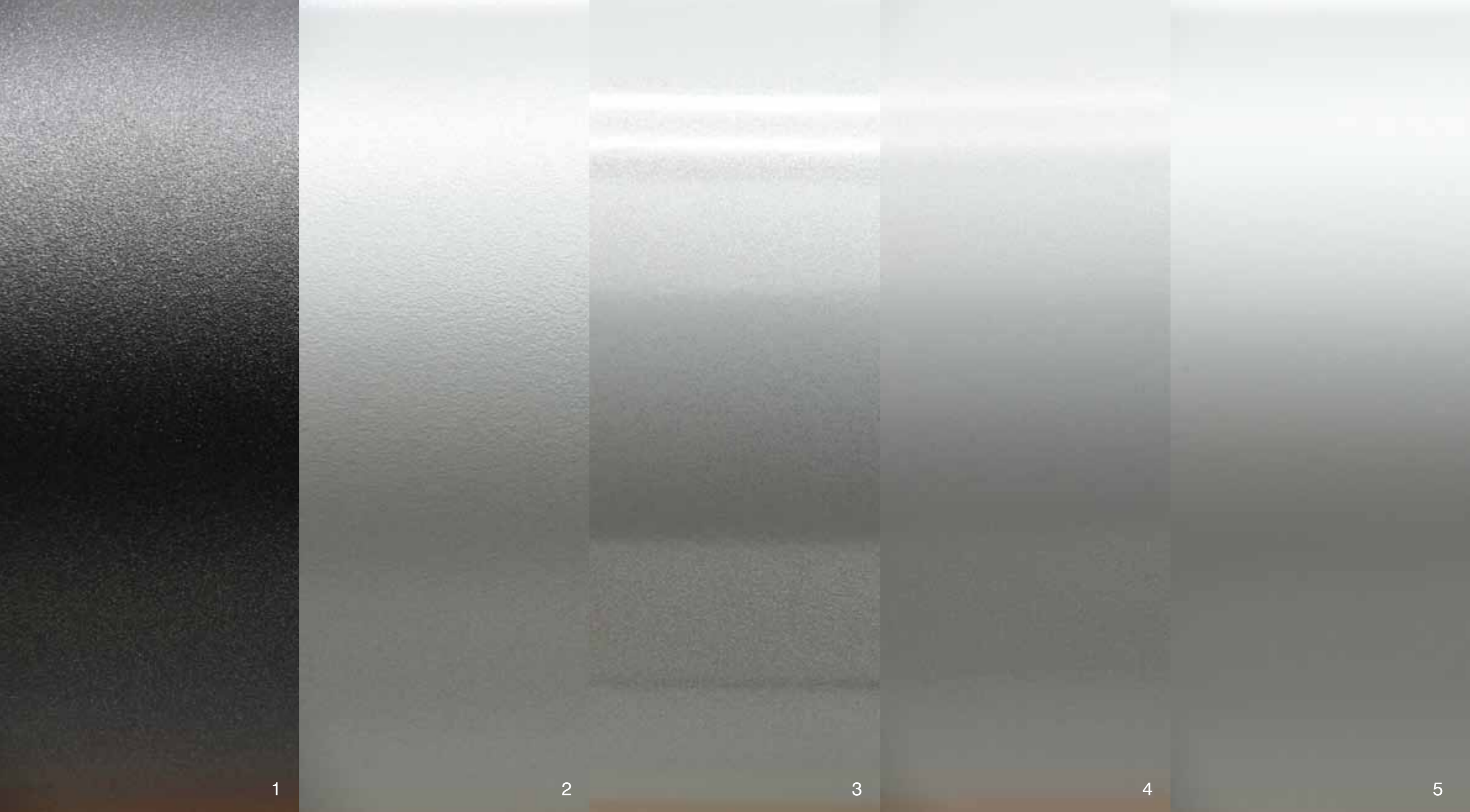


Properties:

- Construction made from extruded aluminium
- Arms designed for handrail installation
- Brackets at both ends of the arms allow for two options of fastening the fabric
- Possibility to set appropriate tilt angle thanks to the construction of arms (arms lock)



powder
coating



coating finish

1. "fine structure - pearl mat"
2. "fine structure"
3. satin finish
4. mat finish
5. "artificial anode"





Presented colour chart shows colours available within Selt collection for powder coated construction elements of Refleksols, venetian blinds and sunbreakers. Conditions of painting in colors included in the above collection and in other RAL colours – according to rules described in price lists of individual products. Because of technical and production

reasons as well as due to different coating techniques, differences in colours between product components are possible. Presented pictures are for illustration purposes only. Colours may vary from actual ones. Any difference in shade does not constitute grounds for complaint.

Presented colour chart shows slat colours available within SELT collection. Conditions of paiting in colors within Selt collection and other RAL colours – according to rules described in price list of venetian blinds. Because of technical and production reasons as well as due to different coating techniques, differences in colours between product components are possible. Presented pictures are for illustration purposes

only. Colours may vary from actual ones. Any difference in shade does not constitute grounds for complaint. Customized perforation (layout and size of openings) and painting in colours outside of SELT collection are subject to individual arrangements in terms of price and conditions of implementation.



fabrics



**100%
ACRYLIC**



A blank sheet of white graph paper with a light gray grid pattern. The grid consists of small squares. A vertical margin line is visible on the left side, creating a narrow left margin. The paper is slightly tilted to the right. The top and bottom edges show dark binding or frame elements.

Acrylic fabrics guarantee the highest quality of the product, providing thermal comfort and protection against UV radiation. Made 100% out of acrylic fibre, dyed in chemical solution, provide excellent protection against colour loss. UV resistance coefficient is 7-8 at 8° scale. Impregnation with use of **TEFLON®** or **SCOTCHGARD™** agents provides an excellent protective barrier and strengthens water-repellent qualities of the fabric, also preventing dirt adhering. Resistance to leaking: 330 mm water column. The advantage of acrylic fabric is also high resistance to tensile and tear. Permeability to air and water repellency Above pictograms apply to acrylic fabrics.

Technical data shown below are average values

Fabric	-	Acrylic 100%, solution dyed
Finishing	-	Teflon - Cleangard
Weight	DIN EN 12127	~ 300 g/m ²
Width	-	120 cm
Colour fastness	DIN EN ISO 105-B02	7-8 / 8
Oil repellency	EN ISO 14419	4-5
Water repellency	EN ISO 4920	100
Water column	EN 20 811	~ 330 mm
Tensile strength (daN/5 cm)	DIN EN ISO 13934-1	~ 140 / 95
Tear resistance (daN) Weft / Warp	EN ISO 13973-2	2.3 / 4

Waterproof acrylic fabrics are characterized by increased resistance to leaking ~1000 mm water column height. Weave structure together with modern impregnation technology provides high air permeability even on hot days. **Oeko-Tex®** guarantees that offered acrylic fabrics, subjected to special impregnation for water resistance, are not toxic.

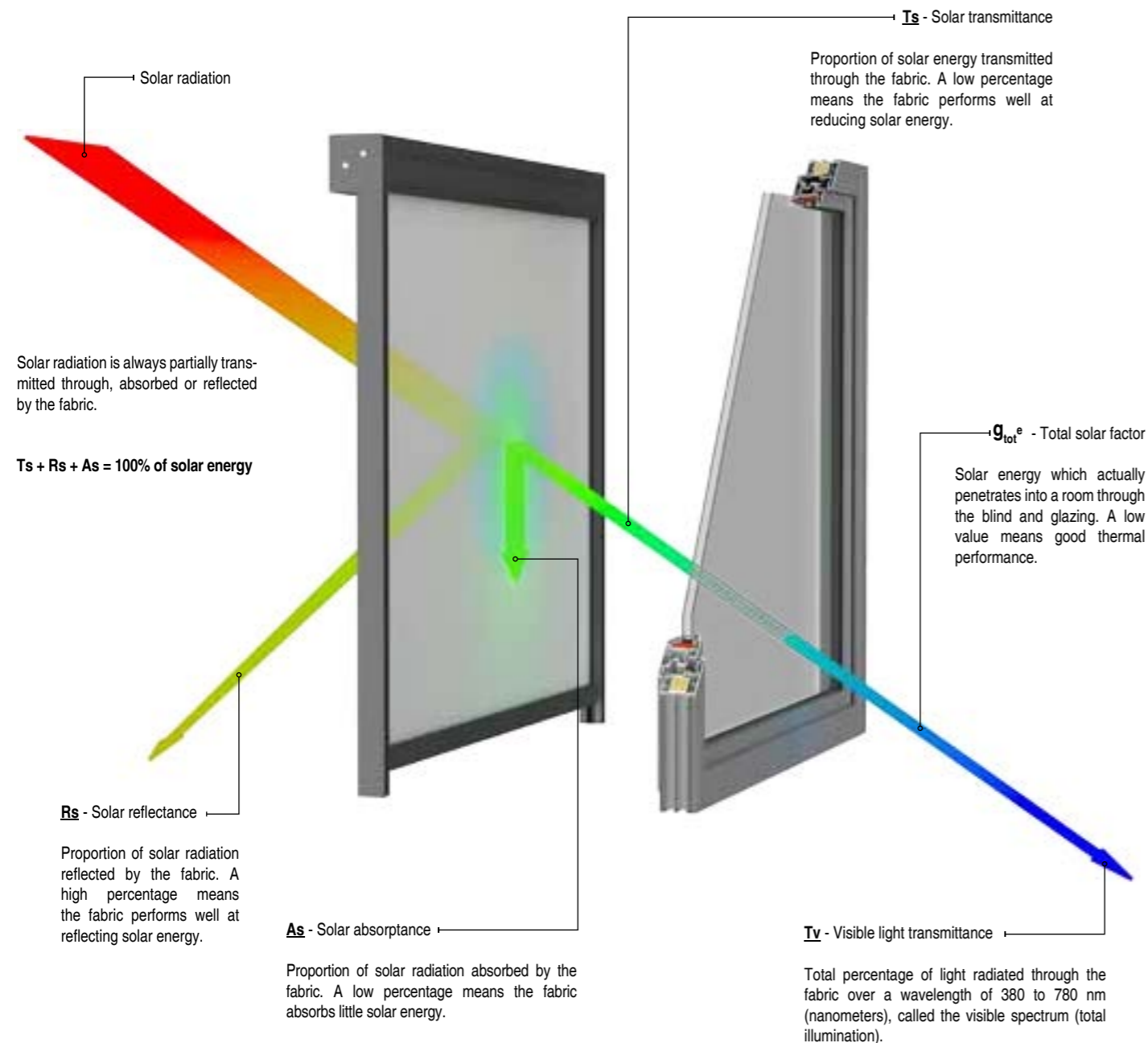
Technical data shown below are average values

Fabric	-	Acrylic 100%, solution dyed
Finishing	-	Teflon - Cleangard
Weight	DIN EN 12127	~ 330 g/m²
Width	-	120 cm
Colour fastness	DIN EN ISO 105-B02	7-8 / 8
Oil repellency	EN ISO 14419	4-5
Water repellency	EN ISO 4920	100
Water column	EN 20 811	~ 1000 mm
Tensile strength (daN/5 cm):	DIN EN ISO 13934-1	~ 140 / 95
Tear resistance (daN) Weft / Warp	EN ISO 13973-2	3 / 4

WATERPROOF ACRYLIC FABRICS

refleksol fabrics

fabrics types



SOLTIS 92 / SOLTIS 99

SUNWORKER

Smooth polyester fabric finished with PVC. Unique structure of the fabric effectively stops the sunlight, allowing for just optimal amount of visible light to transmit inside the room, providing high comfort to its users. The advantages of this fabric are: color fastness, high resistance to weather conditions and easy to maintain clean.

POLYSCREEN

Wide group of technical polyester fabrics coated with PVC, characterized by variety of weaving patterns and properties (PS Luminous, PS 550, PS 350). This allows architects to select the right solution, increasing visual attractiveness of the building and to emphasize its individual character. High technical parameters provide optical and thermal comfort inside the room. An additional feature of the fabric is the ease to keep it clean.

BLACK OUT

High-end blackout fabrics in group of Polyscreen 314 BO, effectively block sunlight coming into the room. It is ideal solution for conference rooms, audio-visual, photographic studios, etc. High dimensional stability, high technical parameters and interesting colours are without a doubt advantages of fabrics in this group.

ACOUSTIC - VEROGLIM

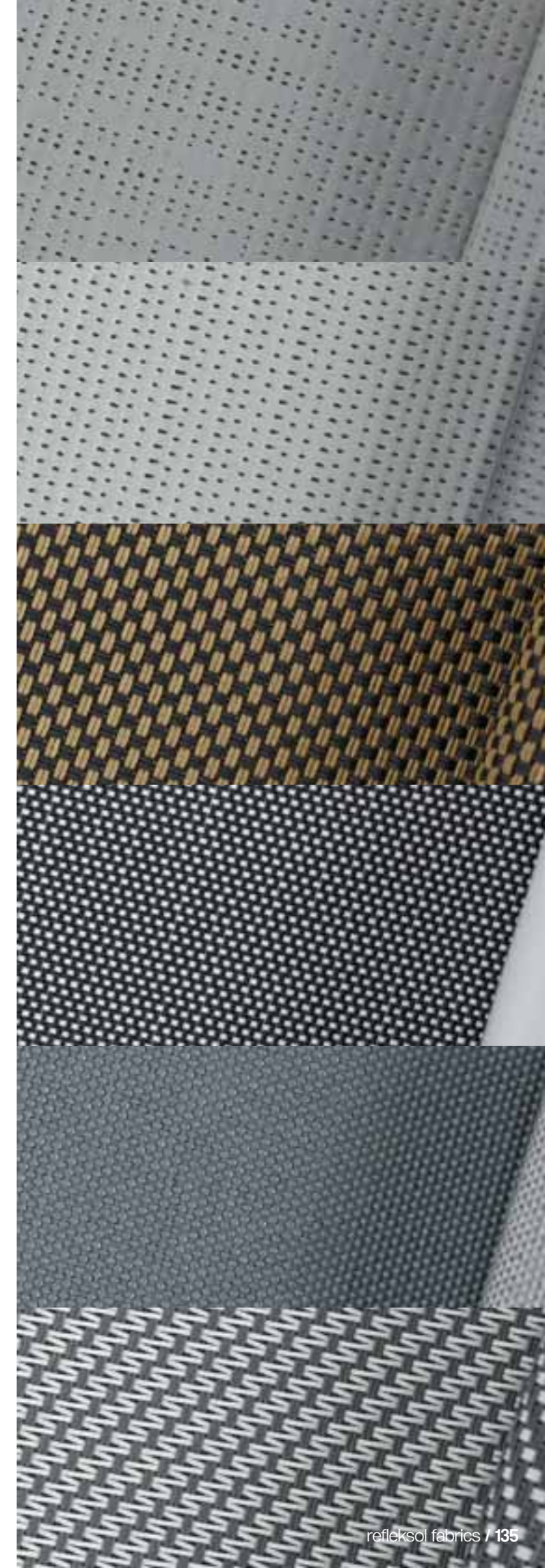
Elegant fabric, made from the highest quality non-flammable polyester fibers Trevira® CS, intended for indoor use. Because of its weight, the fabric is ideally suited for cassette systems. An important advantage of this fabric is high coefficient of acoustics. Thanks to its structure, the fabric absorbs sound and mutes the room. Another advantage is metallic surface that reflects bright light and in this way regulates its intensity in the room.

SERGE 1% (SERGE 100) / SERGE 600

Collection of fabrics made from fiberglass covered with PVC. Fabrics made of this group have a distinctive diagonal „serge” weave, which guarantees them an unusual dimensional stability. High fire resistance and very good technical parameters of fabrics provide users with visual comfort in rooms, thus protecting against overheating the interior.

OPENNES FACTOR

Relative area of the openings in the fabric. It is considered as independent of the colour. For fabric with the same weave, it should be measured using the darkest colour in the range



Precontraint 702 Opaque

Technical specifications

	Values	Standards
Yarn	1100 dtex PES HT	Tersuisse
Weight	830 g/m²	EN ISO 2286-2
Width	267 cm	
Tensile strength (warp/weft)	280/280 daN/5 cm	EN ISO 1421
Tear strenght (warp/weft)	30/28 daN	DIN 53.363
Adhesion	10/10 daN/5 cm	EN ISO 2411
Finish	Acrylic varnish both sides Aluminium face / Back grey	
Flame retardancy	M2/NFP 92-507 • TEST 2/NFPA 701 • CSFM T19 • B1/DIN 4102-1 • BS 7837 • GROUP 1/AS/ NZS 3837 • 1530.3/AS/NZS • SITAC/SIS 650082 • Schwerbrennbar Q1-Tr1/ONORM A 3800-1 • CLASSE 2/UNI 9177-87 • M2/UNE 23.727-90 • VKF 5.2/SN 198898 • B-s2,do/EN 13501-1	
Cold resistance	-30°C	
Heat resistance	+70°C	

ALU GREY

702 Opaque
1285

ALU WHITE

702 Opaque
1284

Precontraint 602 Opaque

Technical specifications

	Values	Standards
Yarn	1100 dtex PES HT	Tersuisse
Weight	750 g/m²	EN ISO 2286-2
Width	267 cm	-
Tensile strength (warp/weft)	230/220 daN/5cm	EN ISO 1421
Tear strenght (warp/weft)	20/20 daN	DIN 53.363
Elongation under load (warp/weft)	<1%/<1%	NF EN 15619
Adhesion	9/9 daN/5cm	EN ISO 2411
Finish	Varnish both sides -	
Flame retardancy	• M2/NFP 92-507 • B1/DIN4102-1 • M2/ UNE23727-90 • BS 7837 • 1530.3/AS NZS • Method 2/NFPA 701 • CSFM T19 •	
Cold resistance	-30°C	
Heat resistance	+70°C	

BLANC

602N Opaque
8503

BEIGE

602N Opaque
0020



control

Depending on your needs, the control of blinds can be performed by using wall switches, remote controls or via the internet through convenient interface in your computer, tablet or smartphone.

sensors

The use of wind, solar or temperature sensors in the intelligent building gives you the ability to automatically control the sun blinds depending on the changing weather conditions.

electric drive

The use of electric drives in sun blinds gives you comfort of use but also the ability to program their automatic opening and closing.

automation

comfort during
work and leisure



Thanks to automated control system applied in sun blinds it is possible to control level of solar energy transmitted into the building. These are necessary and convenient solutions of controls used not only in the passive buildings. In order to increase energy efficiency and control comfort, it is possible to integrate lighting, air-conditioning and heating systems, and visualization of the current position of the sun blinds. Modern automation systems are characterized by simplicity to install, configure and reconfigure.

INSPI RATIONS

All specifications, design and color of products are up to date at time of forwarding this catalog to print.
The manufacturer reserves the right to make changes without prior notice.
Due to the printing process any color reproductions are for illustration purposes only,
their deviation from the actual color cannot constitute grounds for complaint.
Folder reproduction in whole or in part is forbidden without the written permission of SELT.

www.selt.com