



PERGOLA BIOCLIMATICA / BIOCLIMATIC PERGOLA



OVERLAP
move to space

 **OVERLAP**
move to space

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Protegge il tuo benessere, anche all'esterno

Comfortable, practical, pergola!



Protect your comfort, even outdoor



Comoda, pratica, pergola!



 **OVERLAP**
move to space

INNOVAZIONE TECNOLOGICA

IT Protegge il tuo benessere, anche all'esterno.

Un sistema di copertura da esterni versatile, in grado di soddisfare l'esigenza di relax e protezione: la pergola bioclimatica Overlap consente di gestire e filtrare il passaggio della luce solare più adatto in ogni momento della giornata, permettendo anche un'efficace ventilazione naturale. Quando le lamelle sono totalmente chiuse, la pergola bioclimatica Overlap protegge dalla pioggia, favorendo il deflusso dell'acqua lungo i bordi esterni della struttura, garantendo protezione e comfort.

La rotazione delle lamelle in alluminio varia da 0° fino a 140°. La movimentazione può avvenire tramite argano oppure a motore alzionabile a pulsante o a distanza, attraverso un radiocomando. Un'unità di controllo, capace di gestire fino a 4 motori singolarmente o contemporaneamente, è in grado di attivare sensori vento, pioggia e luminosità a salvaguardia della struttura e del comfort.

La gamma di telai disponibili è di facile impiego nelle più svariate condizioni di installazione; è possibile infatti realizzare coperture su strutture esistenti di ogni tipo e materiale, con appoggio a parete oppure strutture isolate autoportanti, che possono raggiungere dimensioni significative mediante configurazioni modulari.

EN Protect your comfort, even outdoor.

A particularly versatile outdoor pergola system, able to satisfy every need for relaxation and protection: the OVERLAP bioclimatic pergola allows you to manage and filter the most suitable amount of sunlight for any time of the day, also assuring effective natural ventilation and air exchange.

When the slats are completely closed, the Bioclimatic Pergola protects from rain, promoting the flow of water along the outer edges of the structure, assuring the utmost protection and comfort.

The slats rotation ranges from 0° to 140°. They can be moved by means of a winch or motor operated by a button or remote control. A control unit, capable of managing up to 4 motors individually or simultaneously, is able to activate wind, rain and brightness sensors to protect the comfort and safeguard the structure.

The range of frames of the Bioclimatic Pergola is easy to use in the most varied installation conditions; canopies can be set up on any type of existing structure in any material: lean to or free-standing insulated structures, which can be large-sized through modular configurations.



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

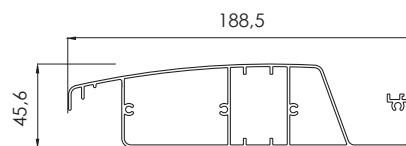
- IT
- › Lamelle in alluminio verniciato con spessore 1,5 mm
 - › Larghezza lamella : 188,5 mm
 - › Larghezza massima singola pergola 4100 mm
 - › La struttura tubolare del corpo centrale delle lamelle consente un'efficace resistenza meccanica e semplicità nella posa in opera.
 - › Disponibile in una vasta gamma di colori RAL ed effetto legno (si prega di contattarci per conoscere la disponibilità)

- EN
- › 1.5 mm thick aluminium painted slats
 - › Width: 188.5 mm
 - › Maximum width of single pergola: 4100 mm
 - › *The tubular structure of the central body of the slats assures effective mechanical strength and simplicity of installation.*
 - › *Available in a wide range of RAL colours and wood effect (please contact us for availability)*

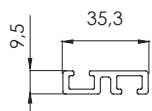
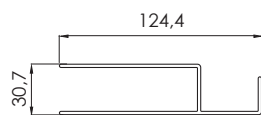


PROFILI / SLAT CAP PROFILES

LAMELLA/SLAT*
interasse/centre
distance 170 mm

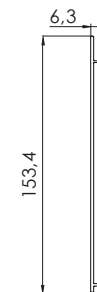


COMPENSATORE
JOINT

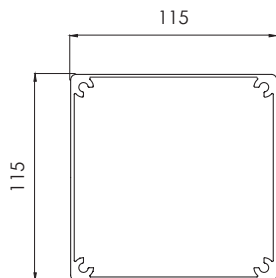


ASTA DI
MOVIMENTAZIONE
MOVEMENT ROD

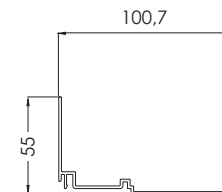
CARTELLINA
DI COPERTURA
COVERING BOARD



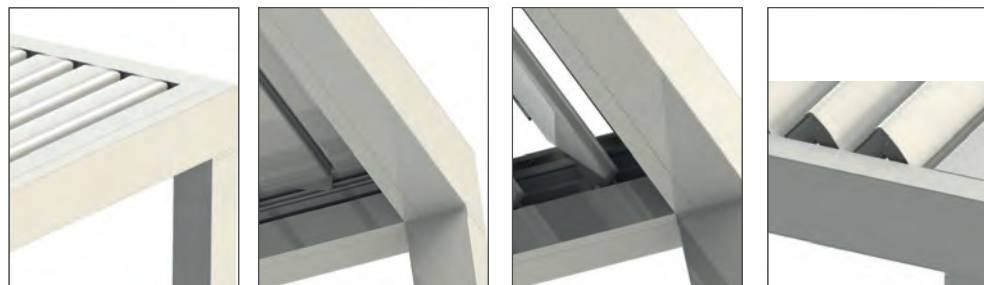
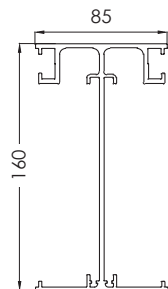
TUBO
TUBE
115x115



GRONDA
GUTTER

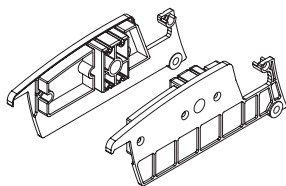


TRAVE
BEAM

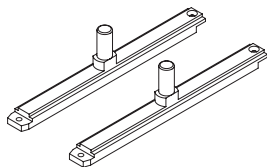


ACCESSORI / ACCESSORIES

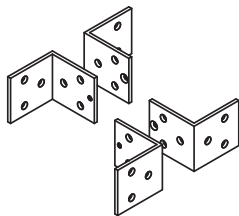
TAPPI PER LAMELLA
CAPS FOR SLATS



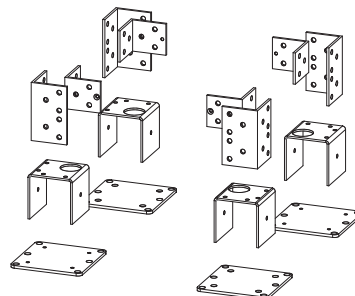
PERNI DI ROTAZIONE
(INTERASSE 170)
ROTATION PINS
CENTRE DISTANCE 170)



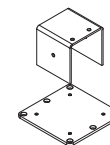
KIT TRAVE CENTRALE
CENTRAL BEAM KIT



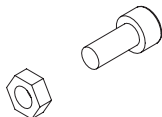
KIT
MODULO SINGOLO
SINGLE MODULE KIT



KIT PIEDE AGGIUNTIVO
SINGLE BOTTOM KIT



KIT VITE TCE M6X14
+ DADO (INOX A2)
CYLINDRICAL HEX SOCKET HEAD
SCREW KIT
M6X14 + NUT (STAINLESS A2)



MOTORE
MOTOR



RILEVATORE PIOGGIA
RISCALDATO
WARMED UP RAIN
DETECTOR



SENSORE
VENTO / LUMINOSITA'
WIND / LIGHT SENSOR



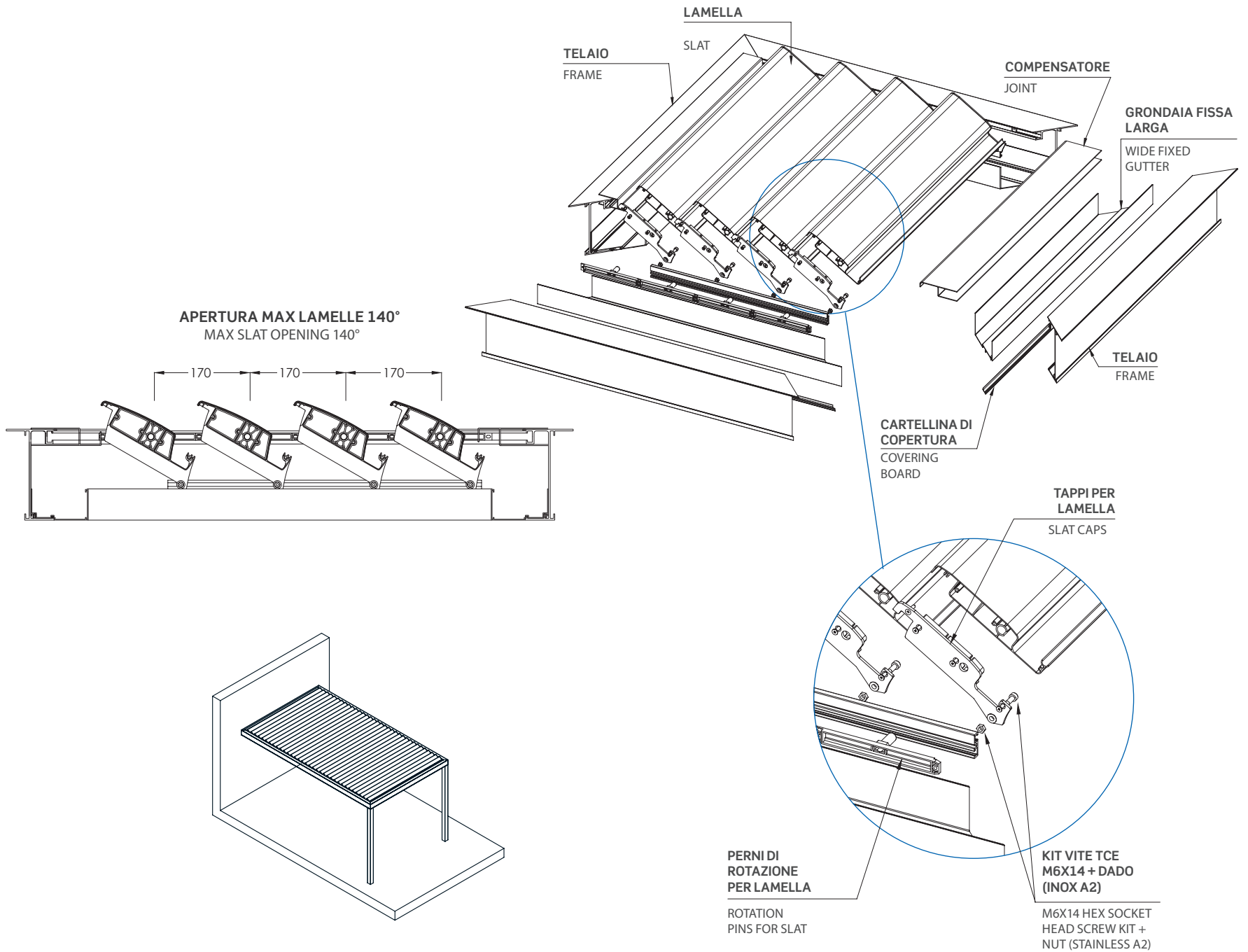
SENSORE VENTO
WIND SENSOR

CENTRALINA
PER COMANDO
MOTORIZZATO
MOTOR CONTROL UNIT

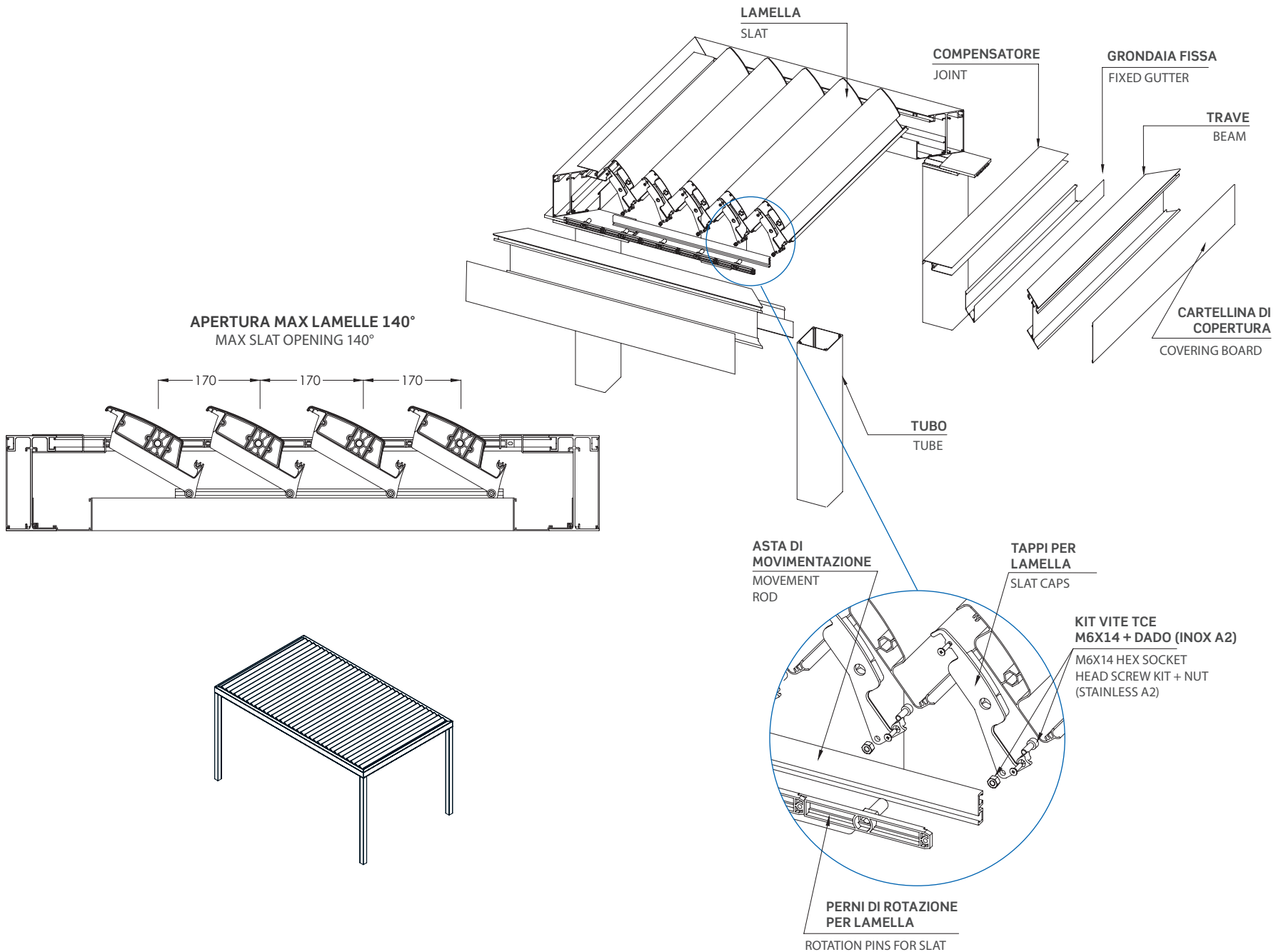


 **OVERLAP**
move to space

SISTEMA PER STRUTTURE ESISTENTI / LEAN-TO SYSTEM FOR EXISTING STRUCTURES



SISTEMA AUTOPORTANTE / FREESTANDING SYSTEM



Chiusure laterali / Side closures

TENDA ZIP/ ZIP CURTAIN

IT Tenda motorizzata a scorrimento verticale, semplice nelle forme e resistente alle sollecitazioni esterne.

EN Motorized awning with vertical sliding, simple in shape and resistant to external stress.



IT **Cassonetto**

Guida standard

Tenda con telo oscurante/semioscurante

Guida plus

Tenda con telo Cristal

Terminale

EN **Dumpstar**

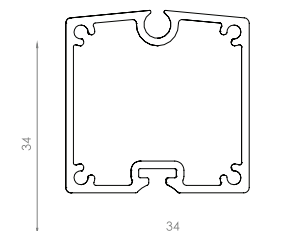
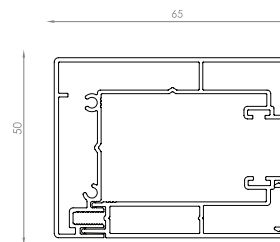
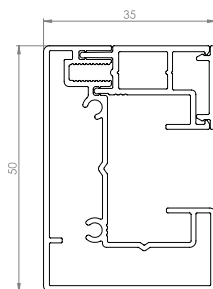
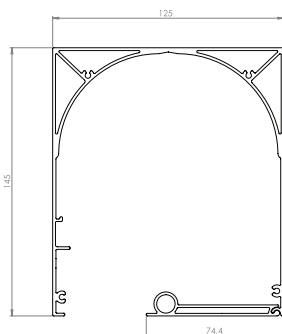
Standard guide

Darkening curtain/semidarkening sheet

Plus guide

Cristal sheet curtain

Terminal



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

- IT > Cassonetto autoportante da 125mm
- > Profilo terminale a scomparsa
 - > Sistema telescopico di avvolgimento con cuscinetti
 - > Cerniere saldate ai bordi che impediscono la fuoriuscita del telo dalle guide

- EN > 125 mm self-standing inspectionable box
- > Retractable terminal profile
 - > Telescopic winding system with bearings
 - > Zip sheet tensioning system



LA TENDA ZIP È DISPONIBILE CON / ZIP CURTAIN AVAILABLE WITH:

- IT
- > Telo Cristal
 - > Telo Semi-oscurante PVC
 - > Telo Semi-oscurante POLI
 - > Telo Oscurante POLI

- EN
- > Cristal sheet
 - > Semi-Darkening PVC sheet
 - > Semi-Darkening POLY sheet
 - > Darkening POLY sheet

CRISTAL

IT

Telo composto da film trasparente a base di resina PVC con bassa conducibilità termica resistente ai raggi UV.

SPESSORE: 0.65 mm

CRISTAL

EN

Sheet made of transparent film based on resin with low thermal traceability resistant to uv rays

THICKNESS: 0.65 mm

SEMI-OSCURANTE PVC

IT

Telo composto da fibra di vetro (42%) e PVC (58%)

SPESSORE: 0.78 ± 5% mm

SEMI-DARKENING PVC

EN

Sheet made of fiberglass (42%) and pvc (58%)

THICKNESS: 0.78

SEMI-OSCURANTE POLI

IT

Telo composto da poliestere spalmato PVC

SPESSORE: 0.45 mm

SEMI-DARKENING POLY

EN

Sheet made of PVC coated polyester

THICKNESS: 0.45 mm

OSCURANTE POLI

IT

Telo composto da ordito e trama in poliestere 1100 Dtex. Finissaggio lato esterno laccato opaco con vernice PU- Finissaggio lato interno opaco gofrato

SPESSORE: 0.68 mm

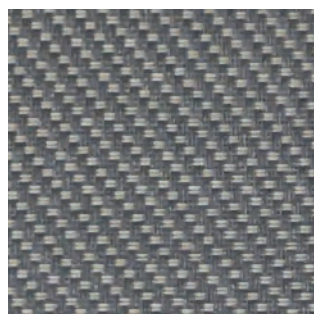
DARKENING POLY

EN

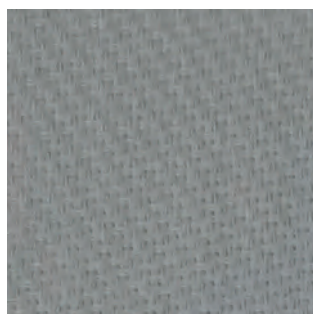
Sheet made of warp and weft in 1100 Dtex polyester. Exterior finish matt lacquered with PU paint. Internal finishing in embossed matt lacquer

THICKNESS: 0.68 mm

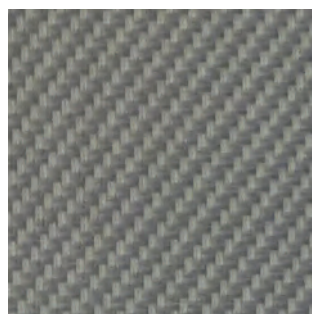
TELO SEMI-OSCURANTE PVC / SEMI-DARKENING PVC SHEET



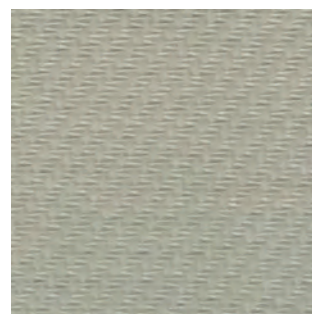
SA0110



SA0707



SA1001



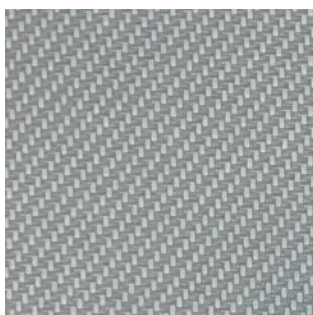
SA2020



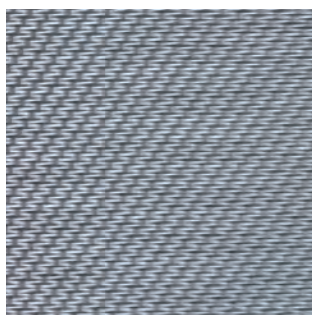
SA0720



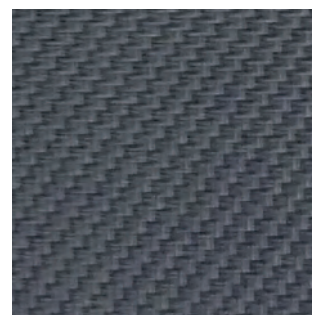
SA0202



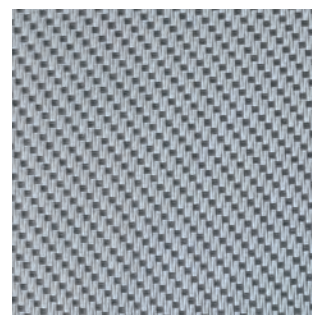
SA0207



SA0102



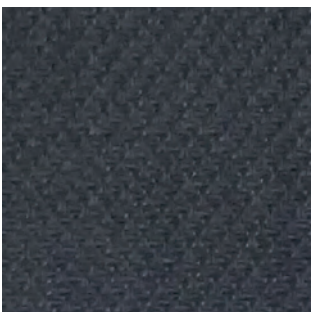
SA0130



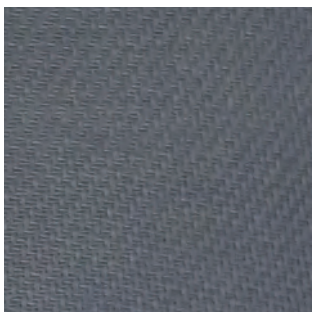
SA0210



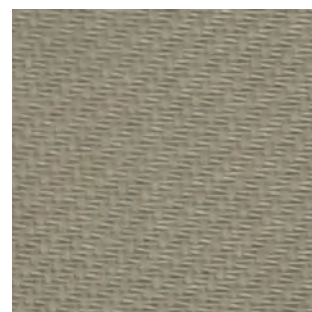
SA0210



SA3030



SA0101

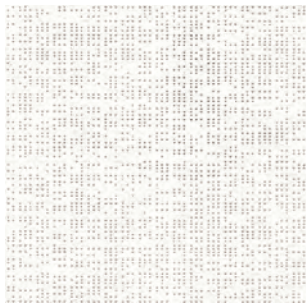


SA1010

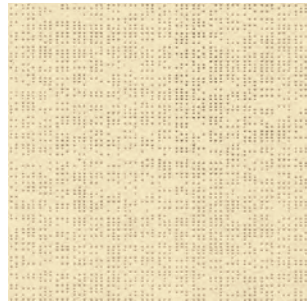


SA3001

TELO SEMI-OSCURANTE POLI / SEMI-DARKENING POLY



2044



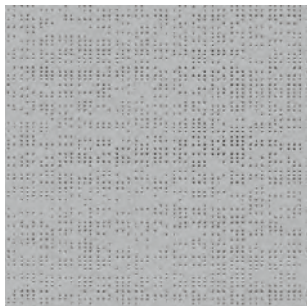
2175



2171



2065



2051



2048



50265

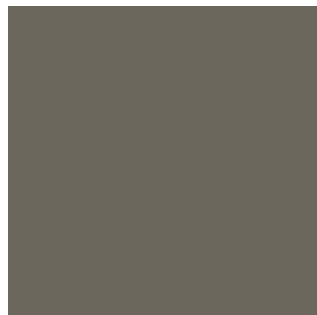


2047

TELO OSCURANTE POLI / DARKENING POLY



877



819



815



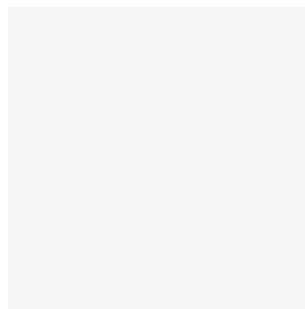
632



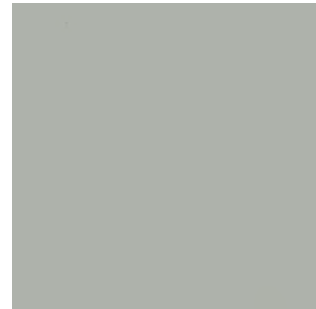
444



272



112



878

FATTORI TERMICI E OTTICI/THERMAL AND OPTICAL FACTORS

TELO SEMI-OSCURANTE PVC/ PVC SEMI-DARKENING SHEET

Colore/Color	Ts/St %	Rs/Sr %	As/Sa %	Tv/Lt%
SA0202	22	66	11	23
SA0207	13	50	37	11
SA0102	11	41	48	9
SA0201	14	39	47	11
SA0101	5	16	79	4
SA0110	5	22	73	5
SA0707	14	36	50	12
SA1001	11	32	57	8
SA1010	9	37	54	7
SA0210	16	50	34	15
SA2020	21	48	31	19
SA0720	17	45	38	15
SA0130	7	12	81	7
SA3001	6	14	80	5
SA3030	4	5	91	4

LEGENDA

Ts - Trasmissione solare

Questo fattore indica il quantitativo di energia solare trasmesso attraverso il tessuto. Una piccola percentuale indica una buona riduzione dell'energia solare.

RS - Riflessione Solare

Questo fattore indica la proporzione dei raggi riflessi dal tessuto. Un'alta percentuale indica una buona riduzione dell'energia solare da parte del tessuto.

AS - Assorbimento Solare

Questo fattore indica il quantitativo dei raggi solari che il tessuto è in grado di assorbire. Una bassa percentuale indica che il tessuto assorbe un piccolo quantitativo di energia solare.

TV - Trasmissioni della luce

Questo fattore indica la quantità di luce irradiata attraverso il tessuto su uno spettro che va da 380 a 780 nm (nano-metri), chiamato spettro visibile.

LEGEND

St - Solar transmission

This factor indicates the amount of solar energy transmitted through the fabric. A small percentage indicates a good reduction in solar energy.

Sr - Solar Reflection

This factor indicates the proportion of the rays reflected by the fabric. A high percentage indicates a good reduction of solar energy by the fabric.

Sa - Solar Absorption

This factor indicates the amount of sunlight that the fabric is able to absorb. A low percentage indicates that the tissue absorbs a small amount of solar energy.

Lt - Light transmissions

This factor indicates the amount of light radiated through the fabric on a spectrum ranging from 380 to 780 nm (nano-meters), called the visible spectrum.

TELO OSCURANTE POLI / DARKENING POLY SHEET

Colore/Color	Ts/St %	Rs/Sr %	As/Sa %	Tv/Lt%
112	0	72	28	0
272	0	63	37	0
444	0	20	80	0
632	0	33	67	0
819	0	34	66	0
878	0	38	62	0
877	0	37	63	0
815	0	51	49	0

TELO SEMI-OSCURANTE POLI / SEMI-DARKENING POLY SHEET

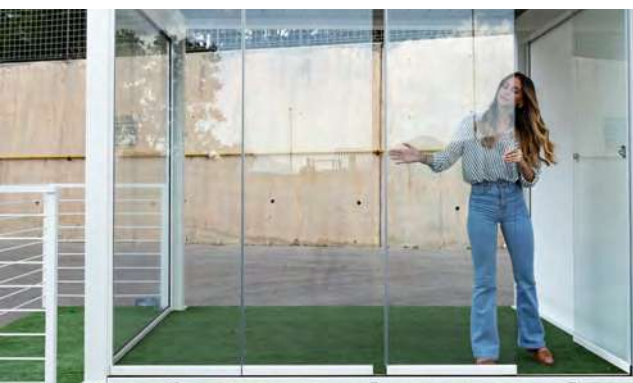
Colore/Color	Ts/St %	Rs/Sr %	As/Sa %	Tv/Lt%
2044	20	70	10	19
2175	19	64	17	16
2171	8	43	49	6
2051	10	50	40	10
2048	8	46	46	8
50265	9	49	42	6
50272	12	56	32	9
2047	5	8	87	5
2065	10	46	44	7

Vetrare/Glazing



Facile, pratica, utile!

Easy, practical, useful



 **OVERLAP**
move to space

Vetrata ad impacchettamento / folding glazing

VETRATA AD IMPACCHETTAMENTO/ FOLDING GLAZING

IT La vetrata ad impacchettamento è composta da pannelli in vetro temperato, scorrevoli e ribaltabili privi di giunzioni. I pannelli assicurano la massima protezione dagli agenti atmosferici. Il sistema di scivolamento delle ante consente l'apertura dei pannelli sia verso l'esterno che verso l'interno.

EN The folding glazing is made by tempered glass panels, sliding and folding without junction. The panels ensure maximum protection from the elements. Thanks to the innovative system of sliding doors, the model the opening of the panels both toward inside that towards outside.

IT Profilo superiore con compensazione in altezza

EN Upper profile with height compensation



IT Sistema integrato di apertura - chiusura

EN Integrated system of opening - closure



IT Profilo inferiore incassato a pavimento

EN Recessed lower profile On the floor



IT Opzione di apertura di circa 200mm per arieggiare l'ambiente

EN Opening option of approx 200mm to ventilate the ambience



IT Anello di apertura

EN Opening ring



IT Serratura

EN Locking



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

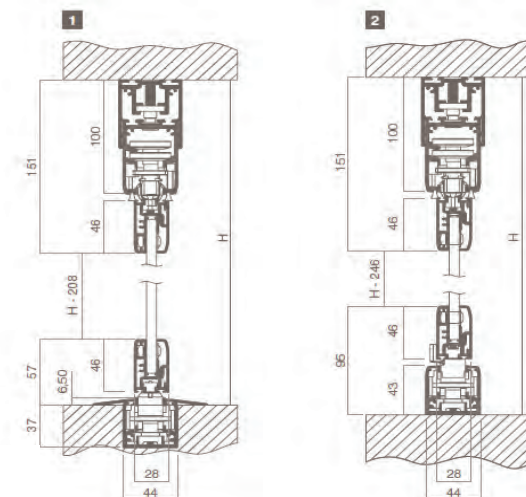
- IT
- › Profili in alluminio estruso anodizzato e verniciato
 - › Viteria in acciaio inossidabile
 - › Vetri temperati da 10 mm
 - › Prodotto garantito per 5000 cicli di apertura e chiusura (5 anni)
 - › Larghezza ante: da min. 600mm a max. 800mm (in funzione della larghezza)
 - › Resistenza al vento: Classe 5

- EN
- › Extruded aluminium profile anodized and painted
 - › Screws in stainless steel
 - › Tempered 10 mm glasses
 - › Product guaranteed to have 5000 cycles of opening and closure (5 years)
 - › Doors width: from min. 600mm to max. 800mm (in base of its width)
 - › Wind resistance: Class 5

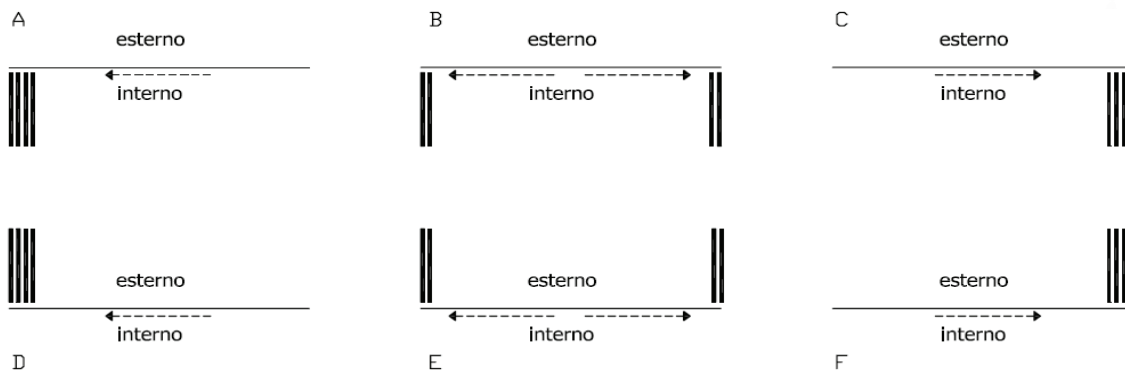
Sezioni della vetrata / Glazing sections

- IT 1. Superiore: Guida superiore e profilo di compensazione Inferiore: profilo incassato nel suolo.
 2. Superiore: Guida superiore e profilo di compensazione Inferiore: profilo standard.

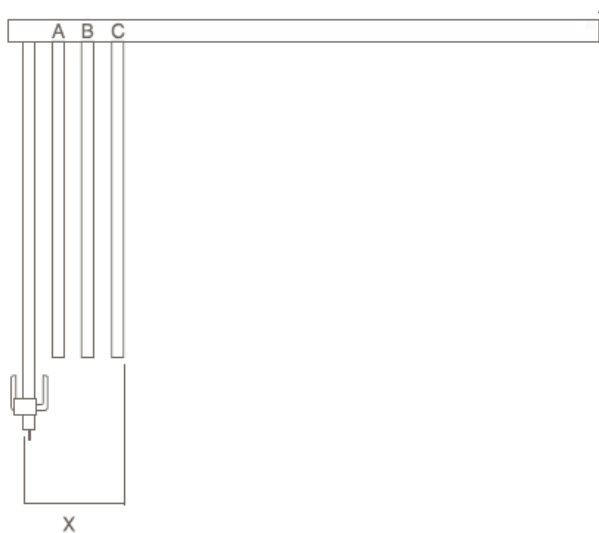
- EN 1. Top : upper guide and compensation profile. Lower: profile embedded in the floor
 2. Top : upper guide and compensation profile Lower: standard profile



Configurazioni Disponibili / Available Configurations



Ingombro pannelli / Panel size



n° pannelli	X (mm)
1	42
2	75
3	108
4	141
5	174
6	207
7	240
8	273
9	306

n° pannelli	X (mm)
10	339
11	372
12	405
13	438
14	471
15	504
16	537
17	570
18	603



 **OVERLAP**
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VETRATA SCORREVOLE / SLIDING GLAZING

IT Vetrata con sistema di chiusura con ante in cristallo temperato che scorrono parallelamente e possono essere impacchettate sia a destra che a sinistra della guida.
EN Glazing with closure system with tempered glass doors that run in parallel and can be packed on both right and left of the guide.

IT Guida superiore
EN Upper guide



IT Guida a pavimento
EN Floor guide



IT Pomello
EN Knob



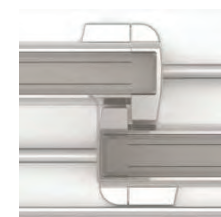
IT Serratura con chiave
EN Lock with key



IT Bloccaggio automatico posizionato alle estremità laterali
EN Automatic locking positioned at the lateral ends



IT Sovrapposizione delle ante
EN Doors Overlapping



SPECIFICHE TECNICHE / TECHNICAL SPECIFICATIONS

IT

- › Gancio di traino integrato che permette l'apertura e la chiusura automatica della ante
- › Ferramenta inossidabile di facile manutenzione e nascosta nel profilo
- › Cuscinetti a sfere di facile manutenzione
- › Guida inferiore di basso spessore
- › Guida con sistema di scarico acqua all'esterno
- › Vetri temperati spessore 10mm
- › Le ante si sovrappongono verticalmente di 16 mm
- › Larghezza ante: da min. 850mm a max 1100mm

EN

- › Integrated tow hook that allows the opening and closing of the doors
- › Easy-care stainless steel hardware hidden in the profile
- › Easy-care ball bearings
- › Low thickness lower guide
- › Guide with system of water drain outside
- › Tempered glass 10mm thick
- › The doors overlap vertically by 16 mm
- › Doors width: from min. 850mm to max 1100mm

Configurazioni Disponibili / Available Configurations



IT Apertura laterale max. 5 ante
EN Side opening max. 5 leafs

Apertura centrale max. 10 ante
Central opening max. 10 leafs

Apertura laterale max. 5 ante
Side opening max. 5 leafs

IT La vetrata è progettata utilizzando il minore numero di ante possibili

EN The glazing is projected to use the minimum number of leafs

Altezza ante (mm)	Larghezza massima ante (mm)
2900	96
2800	100
2700	103
2600	107
2500	110

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