

XTESA

29.04.24_rev.01

KE
GENIUS

KE
ENJOY THE OUTDOORS





PLUS PRODUCT



WINDING FABRIC
instead of a bundle, it takes up minimum space when the curtain is closed



MINIMUM INCLINATION 7°



CLOTH TENSIONING
thanks to a gas piston system



CLEAN DESIGN
without fringe and fabric support profiles



MODULAR SYSTEM
infinite number of modules can be installed side by side



↔ 400/500 ↻ 700/400 ↔ 130 ↻ 215

Modular shading awning with retractable fabric.

Il telo è tensionato attraverso una centrale elettronica che garantisce con pendenza minima di 7° una tensione ottimale e si movimenta per mezzo di dispositivi ad elettrocalamita agganciati in apertura dalla barra terminale.

Pillars and gutter can be set back towards the wall by 215 cm to ensure the minimum necessary sealing conditions.

The maximum dimensions allowed are 500x400/400x700 with 300 cm. high pillars. 20/28 mq coverage area for single module.

The profiles are made of EN AW-6060 extruded aluminium alloy (with 11 x 11 cm guides and 9.5 x 13 cm columns).

Each module is motorised separately.

If the structure its overhang is wider than 4 mt., it will be equipped with a stabilizer bar.

Fitted with a stabiliser bar that projects over 4 metres. No light bar installed

The painting of the interested parties is carried out with epoxy powders based on polyester resin.

The standard colours are RAL 9010 White and Carbon.

The fabric provided is Precontrain 302.

Additional options include other RAL colors and KE fabric in the samples. Possibility of lighting on internal guide.

Moreover, it is foreseen the insertion of light sensors, rain sensors and anemometers with the possibility of remote management through connection devices that make it integrable with the home automation of the house.

It is possible to provide for the installation of Vertika awnings, the installation of sliding windows and the installation of gables.

Wind resistance guaranteed up to class 6 (EN 13561:2015).

GTOT solar shading class (EN 14501:2006) assigned to the fabric.

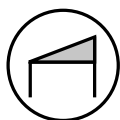
Product certified with CE marking according to EN 13561:2015

OPTIONAL

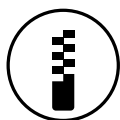
LIGHT



GABLES



VERTIKA

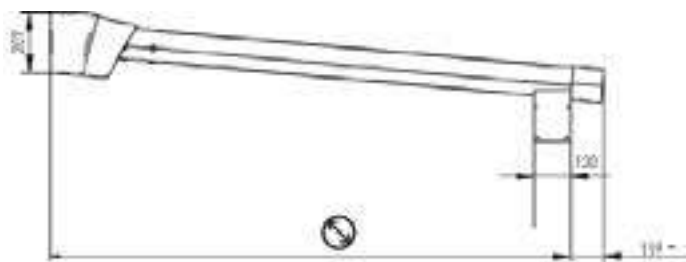


GLASS DOORS

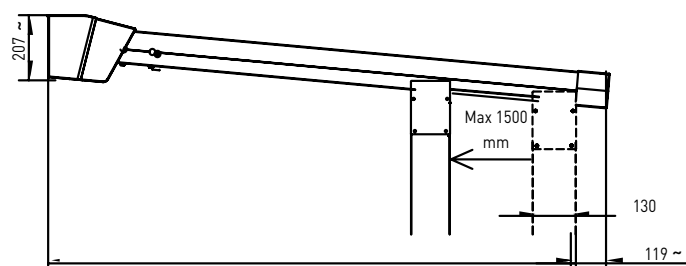


TECHNICAL INFORMATION

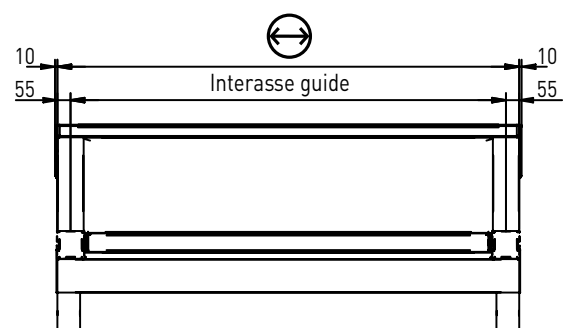
General technical plan



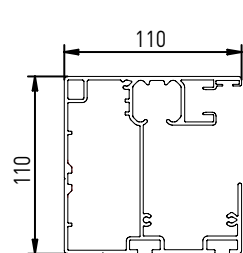
Technical scheme of column setback



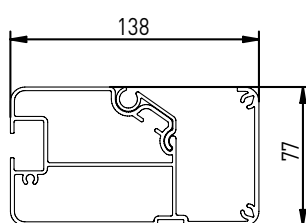
Guides interaxis width



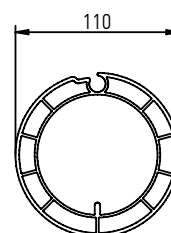
Profiles dimensions



Guide



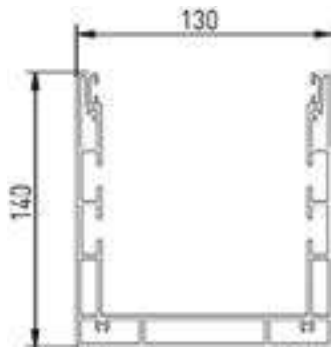
Terminal bar profile



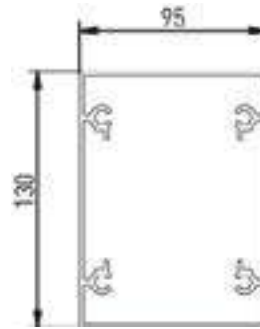
Roller tube

TECHNICAL INFORMATION

Girder section

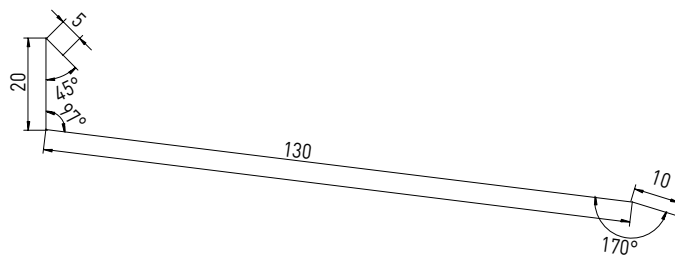


Standard glass door beam

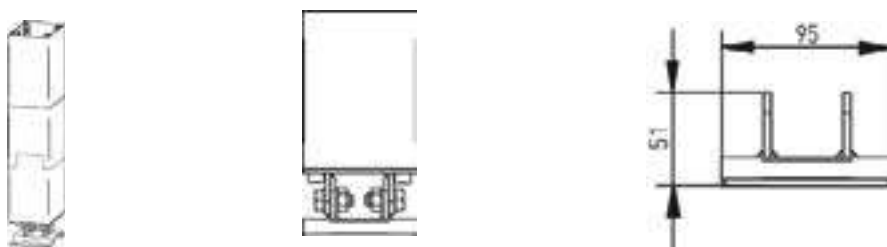


Reinforced glass beam

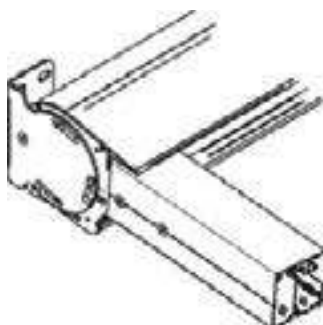
Hood section



Ground connection

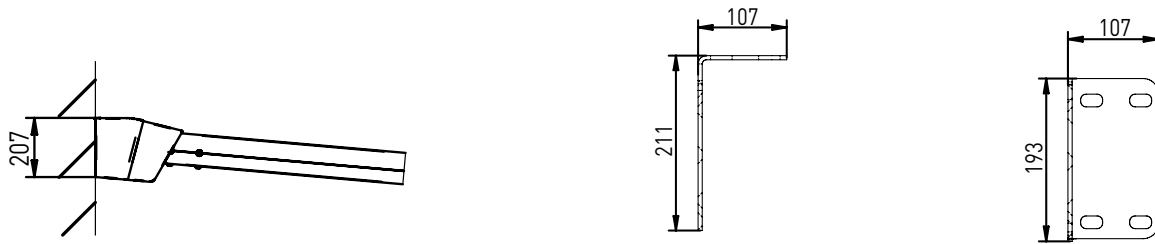


Wall fixing

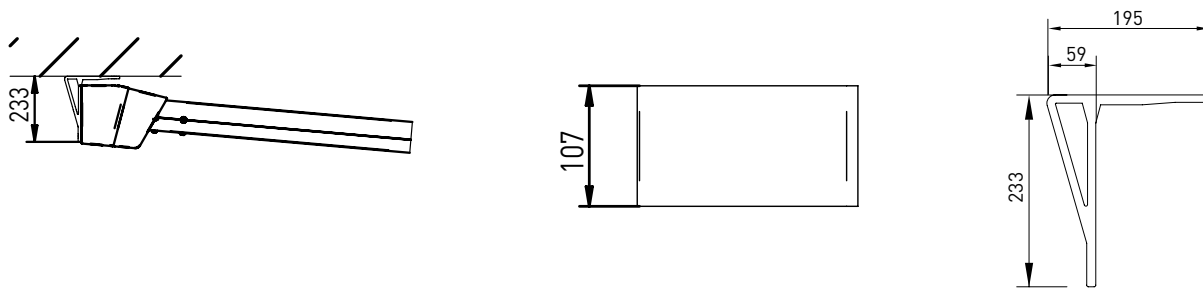


TECHNICAL INFORMATION

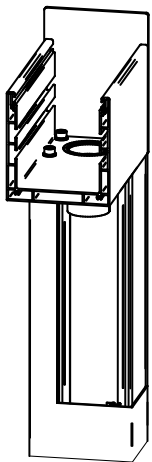
Wall installation



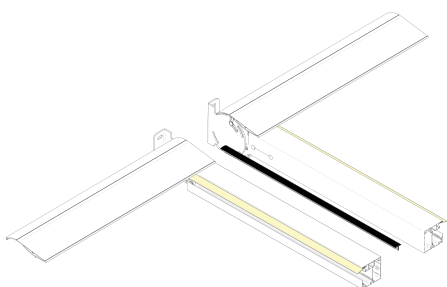
Ceiling installation



System for water drainage

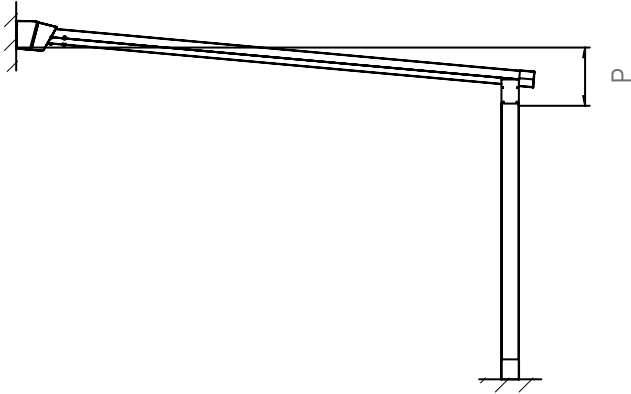


Gasket between multiple modules



TECHNICAL INFORMATION

SLOPES



1 MODULE

cm	↔						
	200	250	300	350	400	450	500
	STD /	STD /	STD /	STD /	STD /	STD /	STD /
250	34 /	34 /	34 /	37 /	37 /	41 /	41 /
300	39 /	39 /	39 /	42 /	42 /	47 /	47 /
350	44 /	44 /	44 /	47 /	47 /	56 /	56 /
400	52 /	52 /	52 /	56 /	56 /	66 /	66 /
450	58 /	58 /	58 /	61 /	61 /		
500	63 /	63 /	63 /	67 /	67 /		
550	73 /	73 /	73 /	77 /	77 /		
600	78 /	78 /	78 /	84 /	84 /		
650	84 /	84 /	90 /	90 /	90 /		
700	90 /	90 /	96 /	96 /	96 /		

↻ Projection

↔ Width

STD
Standard

| |
Added module

2 MODULES

cm	↔											
	450	500	550	600	650	700	750	800	850	900	950	1000
	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /
250	34 /	34 /	34 /	34 /	37 /	37 /	37 /	37 /	41 /	41 /	41 /	41 /
300	39 /	39 /	39 /	39 /	42 /	42 /	42 /	42 /	47 /	47 /	47 /	47 /
350	44 /	44 /	44 /	44 /	47 /	47 /	47 /	47 /	56 /	56 /	56 /	56 /
400	52 /	52 /	52 /	52 /	56 /	56 /	56 /	56 /	66 /	66 /	66 /	66 /
450	58 /	58 /	58 /	58 /	61 /	61 /	61 /	61 /				
500	63 /	63 /	63 /	63 /	67 /	67 /	67 /	67 /				
550	73 /	73 /	73 /	73 /	77 /	77 /	77 /	77 /				
600	78 /	78 /	78 /	78 /	84 /	84 /	84 /	84 /				
650	84 /	84 /	90 /	90 /	90 /	90 /	90 /	90 /				
700	90 /	90 /	96 /	96 /	96 /	96 /	96 /	96 /				

3 MODULES

cm	↔														
	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	
	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	STD /	
250	34 /	34 /	37 /	37 /	37 /	37 /	37 /	37 /	41 /	41 /	41 /	41 /	41 /	41 /	
300	39 /	39 /	42 /	42 /	42 /	42 /	42 /	42 /	47 /	47 /	47 /	47 /	47 /	47 /	
350	44 /	44 /	47 /	47 /	47 /	47 /	47 /	47 /	56 /	56 /	56 /	56 /	56 /	56 /	
400	52 /	52 /	56 /	56 /	56 /	56 /	56 /	56 /	66 /	66 /	66 /	66 /	66 /	66 /	
450	58 /	58 /	61 /	61 /	61 /	61 /	61 /	61 /							
500	63 /	63 /	67 /	67 /	67 /	67 /	67 /	67 /							
550	73 /	73 /	77 /	77 /	77 /	77 /	77 /	77 /							
600	78 /	78 /	84 /	84 /	84 /	84 /	84 /	84 /							
650	90 /	90 /	90 /	90 /	90 /	90 /	90 /	90 /							
700	96 /	96 /	96 /	96 /	96 /	96 /	96 /	96 /							



WIND RESISTANCE

The wind resistance of an exterior shade system is characterized by its ability to support defined loads by simulating wind with positive or negative pressure. In order to define a correlation between the wind resistance class according to the classes defined by the technical standard EN 13561 and the wind speed expressed in Km / h, a comparative table with the Beaufort scale is used. The Beaufort Scale classifies winds according to the speed at which they blow. Wind speed is measured in kilometers per hour (km / h) or in nodes using a measuring instrument, called anemometer, at a height of about 10 meters above the ground.

	TERMINE DESCRITTIVO	VELOCITA' VENTO km/h	VELOCITA' VENTO km/h	VELOCITA' VENTO Nodi	EFFETTI DEL VENTO SULLA TERRA	EN 13561
4	Vento moderato	5,5 - 7,9	20 - 28	11 - 16	Si sollevano polvere e pezzi di carta; si muovono i rami piccoli degli alberi.	Classe 1
5	Vento teso	8,0 - 10,7	29 - 38	17 - 21	Gli arbusti con foglie iniziano a ondeggiare; le acque interne s'increspano.	Classe 2
6	Vento fresco	10,8 - 13,8	39 - 49	22 - 27	Si muovono anche i rami grossi; gli ombrelli si usano con difficoltà.	Classe 3
7	Vento forte	13,9 - 17,1	50 - 61	28 - 33	Gli alberi iniziano a ondeggiare; si cammina con difficoltà contro vento.	Classe 4
8	Burrasca	17,2 - 20,7	62 - 74	34 - 40	Si staccano rami dagli alberi; generalmente è impossibile camminare contro vento.	Classe 5
9	Burrasca forte	20,8 - 24,4	75 - 88	41-47	Possono verificarsi leggeri danni strutturali agli edifici (caduta di tegole o di coperchi dei camini).	Classe 6

Please note: in wind above the maximum class rating, it is necessary to retract the fabric or move blades to upright. For the evaluation of wind resistance of the perimeter closures (Vertika, Vertika Prime, Line glass) refer to the performance declarations of the products themselves. The opening and closing of the screens can be controlled by installing sensors (sun, wind, rain). These aids do not replace the need for visual monitoring and taking manual action to make the awning safe when winds or loads exceed the product's limits. Therefore, the safety of the product is not guaranteed by the use of sensors.

cm	200	250	300	350	400	450	500	450	500	550	600	650	700	750	800	850	900	950	1000	450	500	550	600	
250	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
300	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
350	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
400	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
450	9	9	9	9	9	9	8	9	9	9	9	9	9	9	9	9	9	8	8	9	9	9	9	9
500	9	9	9	9	9	8	8	9	9	9	9	9	9	9	9	8	8	8	8	9	9	9	9	9
550	9	9	9	9	8	8	8	9	9	9	9	9	8	8	8	8	8	8	8	9	9	9	9	9
600	9	9	9	8	8	8	8	9	9	9	9	8	8	8	8	8	8	8	8	9	9	9	9	9
650	9	9	9	8	8	8	8	9	9	9	9	8	8	8	8	8	8	8	8	9	9	9	9	9
700	9	9	8	8	8	8	8	9	9	9	8	8	8	8	8	8	8	8	8	9	9	9	8	8

cm	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	850	900	950	1000
250	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
300	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
350	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
400	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
450	9	9	9	9	9	9	9	9	9	9	8	8	8	9	9	9	9	9
500	9	9	9	9	9	9	9	8	8	8	8	8	8	9	9	9	9	9
550	9	9	9	9	9	8	8	8	8	8	8	8	8	9	9	9	9	9
600	9	9	9	8	8	8	8	8	8	8	8	8	8	9	9	9	8	8
650	9	9	8	8	8	8	8	8	8	8	8	8	8	9	9	8	8	8
700	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8



The KE painting process includes high quality standards, with an 8-stage pre-treatment that includes degreasing, deoxidation, and protective treatments before painting. Thanks to this last phase, components and profiles are further guaranteed against particularly severe environmental situations. At the end of the process the profiles and components are painted with polyester resin-based epoxy powders.

Treated components are periodically tested in salt spray according to the ISO 9227 standard to confirm conformity and consistency of the process.

The European product standard EN 13561: 2015 defines corrosion resistance classes of the metal parts that make up the product according to the table below.

Tests performed on the painted components and profiles allow us to classify the product in the maximum class achievable according to EN 13561: 2015, C2 / 4 (48 h - internal components, 240 h - external components).

Equipped with the most modern process control systems including continuous monitoring in which the working parameters are recorded and corrected every 2 minutes, the new painting process guarantees the high quality characteristics of the product while minimizing the risk of environmental pollution.

This is a choice born from the desire to always keep up with technology while guaranteeing operator safety and low environmental impact.

Thanks to nanotechnologies, the implemented coating constitutes an excellent base for anchoring paints, ensuring excellent adhesion and resisting corrosion.

The plant in which aluminum or galvanized steel products with a length of up to 7 meters can be treated, includes 7 treatment tanks, 1 double compartment drying oven, 1 polymerization oven and 1 purification plant for waste water treatment.

The real focus of the plant, however, is the two powder coating booths, each with 4 stations for manual retouching. The booths allow greater production continuity, thanks to a drastic reduction in required stops for color changes.

CORROSION RESISTANCE

Classes	1	2	3	4
Internal components	24	48		
External components		48	96	240

COLOURS



Please note: in wind above the maximum class rating, it is necessary to retract the fabric or move blades to upright. For the evaluation of wind resistance of the perimeter closures (Vertika, Vertika Prime, Line glass) refer to the performance declarations of the products themselves. The opening and closing of the screens can be controlled by installing sensors (sun, wind, rain). These aids do not replace the need for visual monitoring and taking manual action to make the awning safe when winds or loads exceed the product's limits. Therefore, the safety of the product is not guaranteed by the use of sensors.

COLOURS RAL



● Ral standard (without supplement)



There is increasing demand for high-performance buildings that have a very low energy consumption and use energy derived from renewable sources. In particular, the limitation of solar heat gain is one of the most important aspects of summer thermal comfort. Solar shading plays an essential role in this concept. The gtot value determines the ability of the solar shield to maintain, in an environment directly exposed to solar radiation, a more comfortable temperature than that which would occur with the presence of glass alone. The solar heat gains are directly proportional to the total transmittance of solar energy gtot, a value that depends on the glazing and external shielding. The European product standard EN 13561: 2015 and the EN 14501 standard identify 5 energy performance classes as shown in the table below.

Effect of GTOT on thermal comfort					
Gtot value	$\geq 0,50$	$\geq 0,35 \text{ e } < 0,50$	$\geq 0,15 \text{ e } < 0,35$	$\geq 0,10 \text{ e } < 0,15$	$< 0,10$
Class	0	1	2	3	4
	very mild effect	Mild effect	Moderate effect	good effect	very good effect

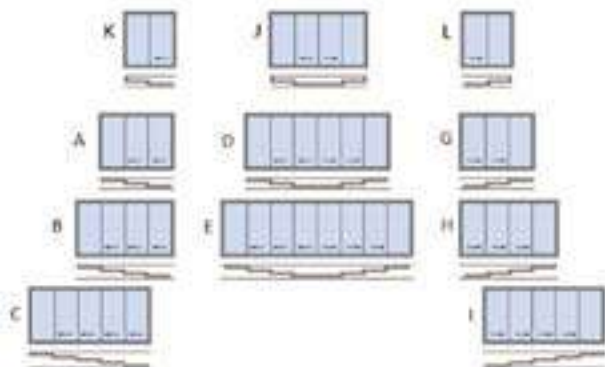
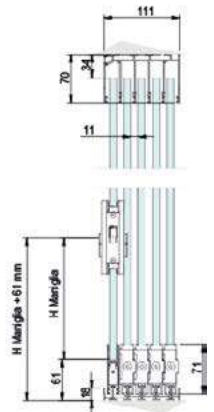
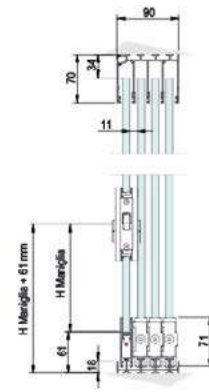
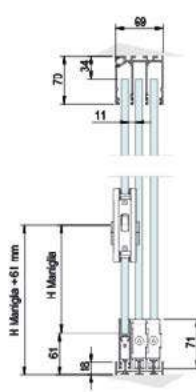
Each KE product has a Gtot value according to the shading fabric / profiles used. For details, refer to the information provided with the technical data sheet of the fabric and the CE label.

OPTIONAL_LINE GLASS



Sliding windows with frameless doors. Lower track only 18 mm high. Easy installation with left or right hand opening. Side or central closure. Packaging with aligned windows. Height adjustment up to 8 mm for each single door. Removable for easy cleaning. Closure with self-locking and / or lock. Waterproofing is not guaranteed during heavy rain or rain with wind.

Technical Details





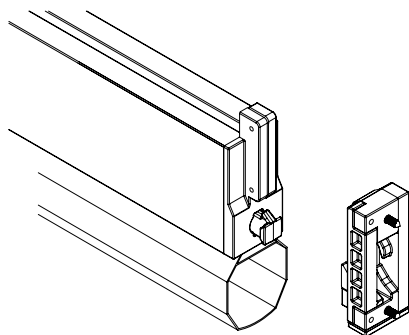
Vertika is a vertical closure that provides protection from sun and rain. It can be equipped with WIND BLOCK, a locking tensioning system for the fabric. With Vertika you can use blackout and filtering fabrics to better manage solar radiation.

- AVAILABLE:

110 GPR
110 GPZ
130 GPR
130 GPZ

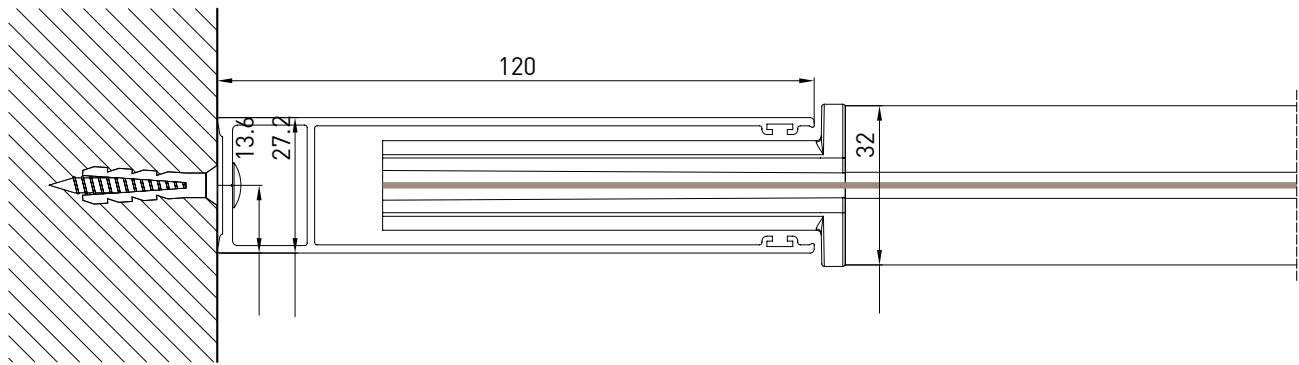
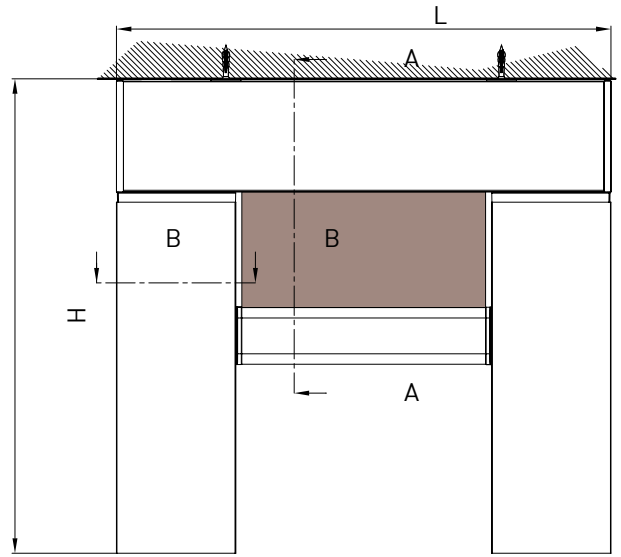
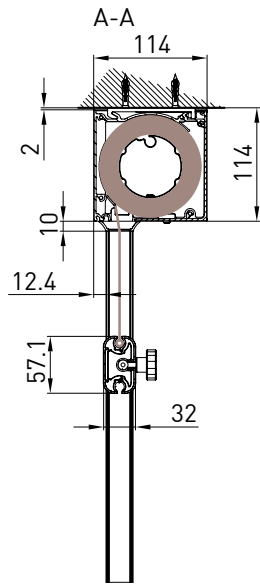
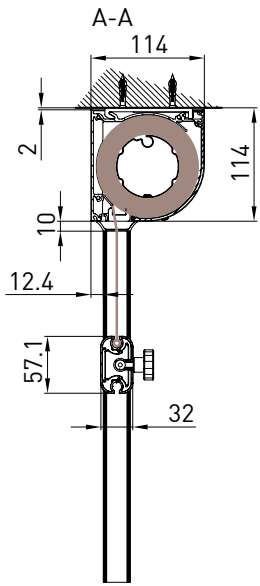


Technical Details

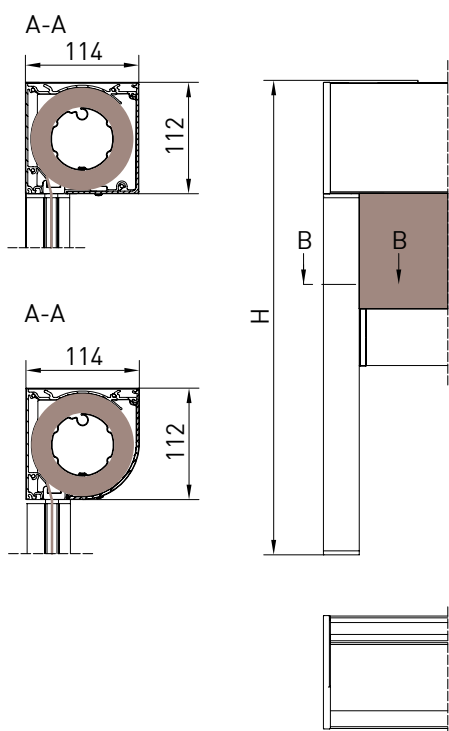
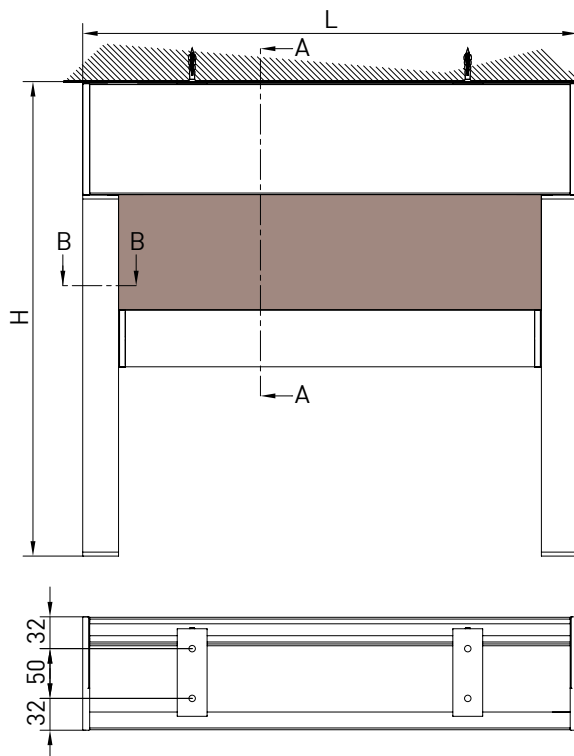
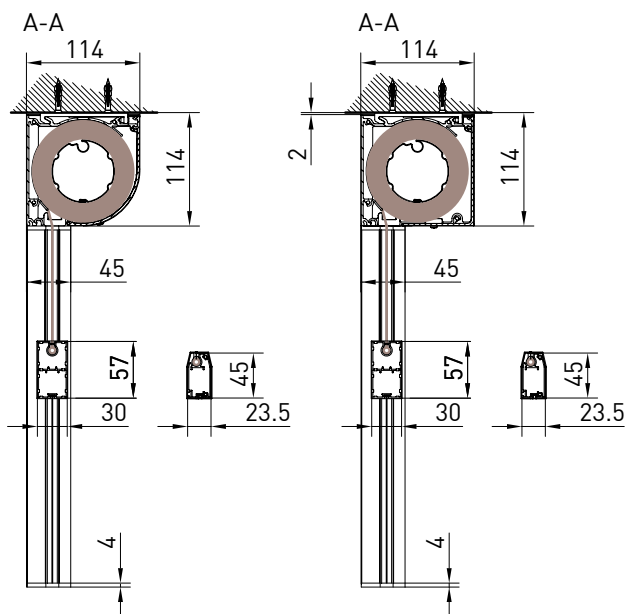


WIND BLOCK: Front bar Interlock device to be used on 100 and 130 Screeny GPZ guide, GPZ I and Gpz Unica. In wind, front bar stays locked in the low position and fabric is steadily tightened when the awning is opened completely.

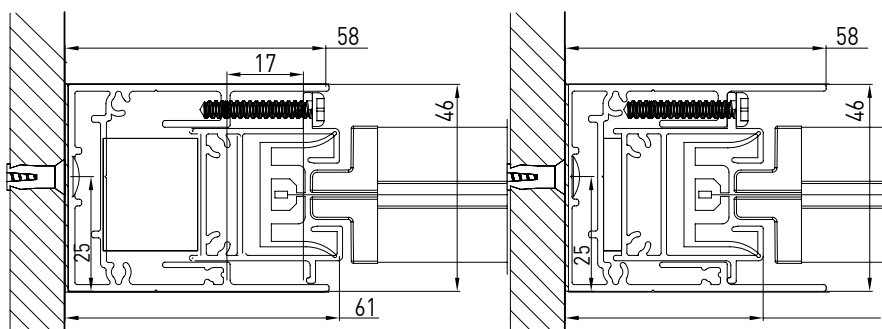
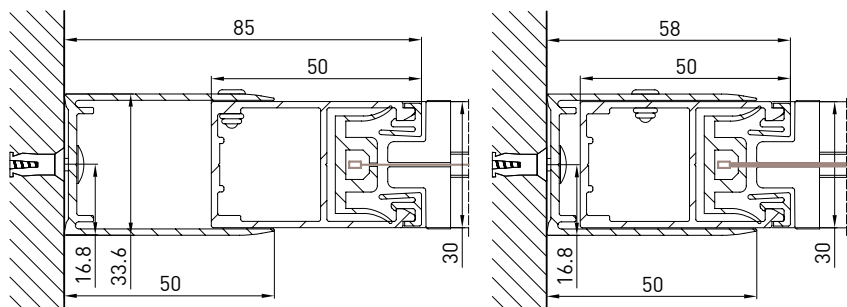
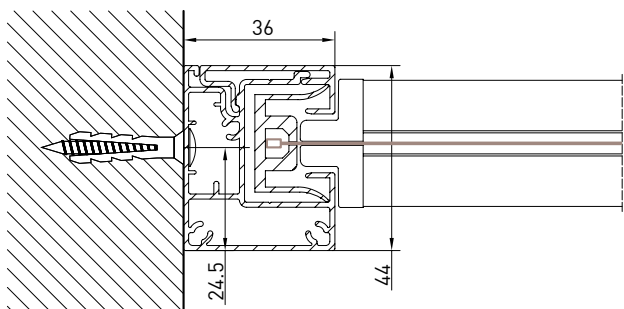
VERTIKA_110 GPR



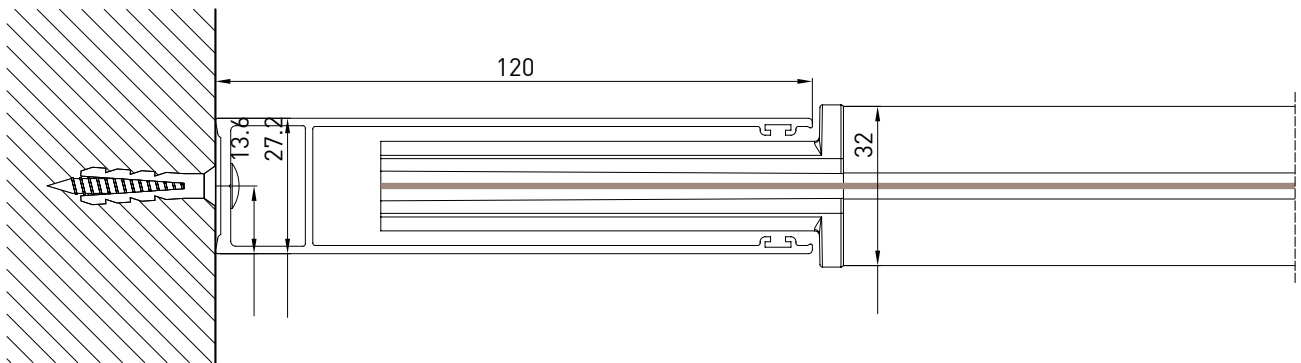
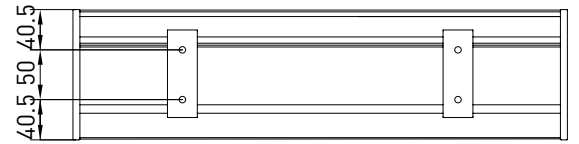
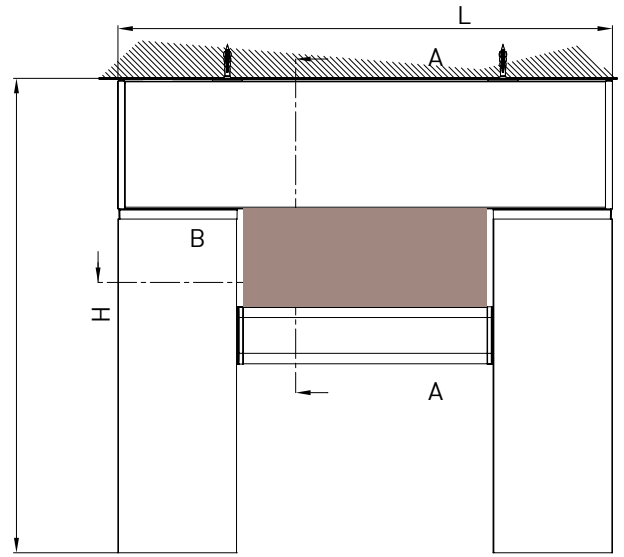
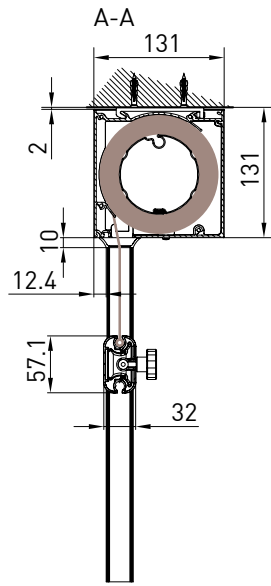
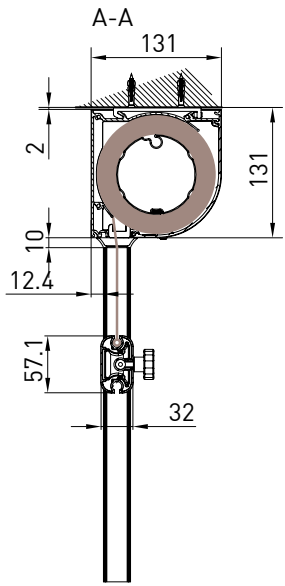
VERTIKA_110 GPZ



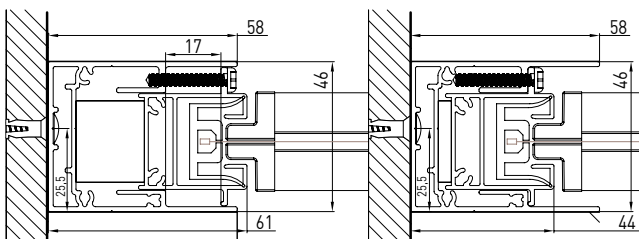
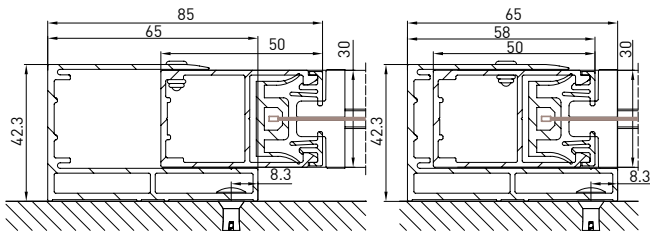
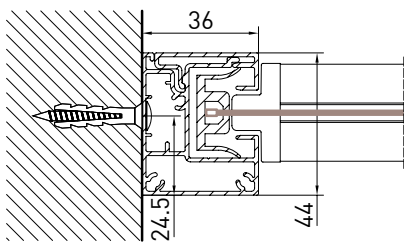
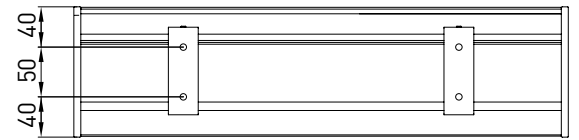
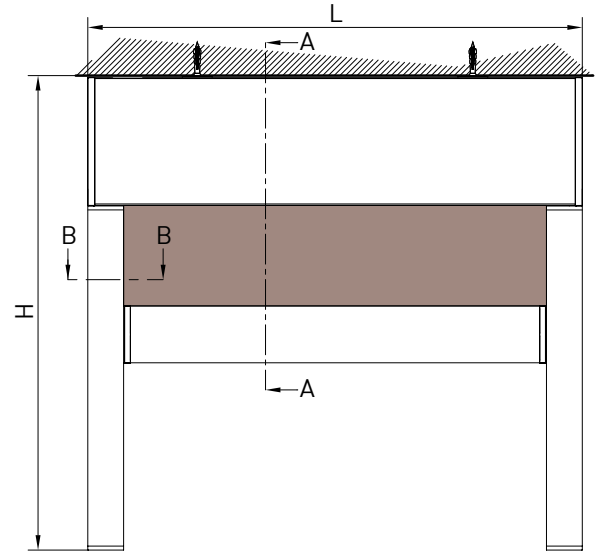
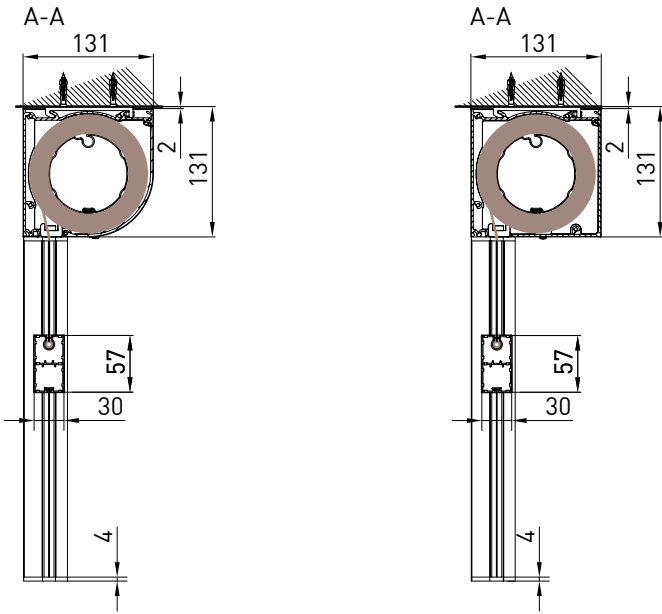
VERTIKA_110 GPZ



VERTIKA_130 GPR



VERTIKA_130 GPZ



OPTIONAL SIDE CLOSURES _ DOORS AND CURTAINS



The doors have been designed to provide protection from water and wind. They are made from extruded aluminum alloy profiles (EN-AW 6060-T6) and 4 + 4 pvd 0.76 safety and shatterproof laminated glass in accordance with UNI 7697 2014. Doors are available in either one or two door versions.

The interior of the structure can be enhanced with decorative curtains. That extra romantic touch which will surely be appreciated by anyone looking for a little privacy or who want "a room all to themselves".

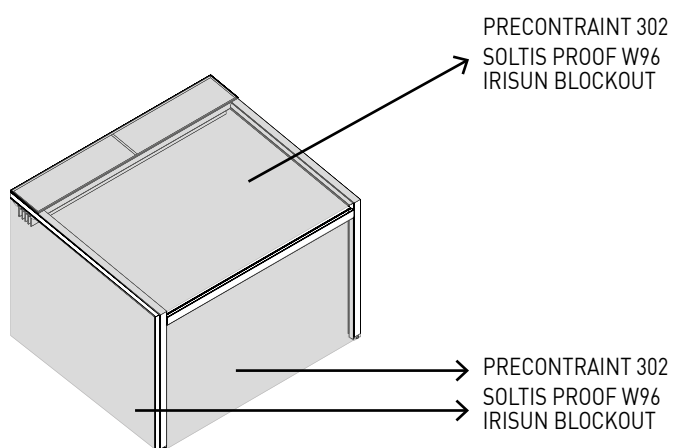
FABRICS



KE
ENJOY THE OUTDOORS

Thermal comfort blends perfectly with beautiful style thanks to the more than 500 high performance fabrics available. A wide variety of colors, styles and solar shading factors allow for a system that meets your specific needs. All fabrics are CE Certified according to the EN 13561 and EN 14501 technical standards.

N.B.
See the Fabric Guide for further fabric specifications.



Standard

- PRECONTRAIT 302

Optional

- SOLTIS PROOF W96
IRISUN BLOCKOUT

DICHIARAZIONE DI PRESTAZIONE
008-01/2017

Codice identificazione prodotto: XTISA

Uso previsto del prodotto da costruzione, conformemente a UNI EN 13561:2015 - EN 13562:2015:
Tende per uso esterno

Nome e indirizzo del fabbricante:
KE PROTEZIONI SOLARI S.r.l.
Via Calvesa, 38076
30020 NOVENTA DI PIAVE (VI) - ITALY

Sistema di valutazione e verifica (della costanza della prestazione del prodotto da costruzione):
Sistema 4

Specifiche armonizzate:
UNI EN 13561:2015 - UNI EN 13562:2015

Classificazione secondo Prospetto 1 - § 4.1 UNI EN 13561:2015

Classe di resistenza al vento	0	1	2	3	4	5	6
Pressione nominale del vento (p_n) [N/m ²]	>40	40	30	22,0	17,0	12,0	8,0
Pressione di sicurezza del vento (p_s) [N/m ²]	>48	48	34	25,2	19,4	14,4	10,0

Velocità massima del vento al di sopra della quale la tenda deve essere ribattata:

Classe di resistenza al vento	0	1	2	3	4	5	6
Velocità del vento (km/h)	>23	23	35	45	55	65	80

Resistenza dichiarata:

		Resistenza ai carichi da vento - Configurazione a 1 modulo						
		Larghezza (cm)						
		200	250	300	350	400	450	500
Sporgenza (cm)	250	6	6	6	6	6	6	6
	300	6	6	6	6	6	6	6
	350	6	6	6	6	6	6	6
	400	6	6	6	6	6	6	6
	450	6	6	6	6	6	-	-
	500	6	6	6	6	6	-	-
	550	6	6	6	6	5	-	-
	600	6	6	6	5	5	-	-
	650	6	6	6	5	5	-	-
	700	6	6	6	5	5	-	-

		Resistenza ai carichi da vento - Configurazione a 2 moduli											
		Larghezza (cm)											
		450	500	550	600	650	700	750	800	850	900	950	1000
Sporgenza (cm)	250	6	6	6	6	6	6	6	6	6	6	6	6
	300	6	6	6	6	6	6	6	6	6	6	6	6
	350	6	6	6	6	6	6	6	6	6	6	6	6
	400	6	6	6	6	6	6	6	6	6	6	6	6
	450	6	6	6	6	6	6	6	6	-	-	-	-
	500	6	6	6	6	6	6	6	6	-	-	-	-
	550	6	6	6	6	6	6	5	5	-	-	-	-
	600	6	6	6	6	6	5	5	5	-	-	-	-
	650	6	6	6	6	5	5	5	5	-	-	-	-
	700	6	6	6	5	5	5	5	5	-	-	-	-

		Resistenza ai carichi da vento - Configurazione a 3 moduli													
		Larghezza (cm)													
		850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
Sporgenza (cm)	250	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	300	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	350	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	400	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	450	6	6	6	6	6	6	6	6	-	-	-	-	-	-
	500	6	6	6	6	6	5	5	5	-	-	-	-	-	-
	550	6	6	6	6	6	5	5	5	-	-	-	-	-	-
	600	6	6	6	5	5	5	5	5	-	-	-	-	-	-
	650	6	6	5	5	5	5	5	5	-	-	-	-	-	-
	700	5	5	5	5	5	5	5	5	-	-	-	-	-	-

		Resistenza ai carichi da vento – Configurazione a 4 moduli															
		Larghezza (cm)															
		1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000
Sporgenza (cm)	250	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	300	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	350	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	400	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	450	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-
	500	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-
	550	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-
	600	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-
	650	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-
700	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	

		Resistenza ai carichi da vento – Configurazione a 5 moduli																	
		Larghezza (cm)																	
		1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500
Sporgenza (cm)	250	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	300	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	350	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	400	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	450	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-
	500	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-
	550	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-
	600	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-
	650	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-
700	6	6	6	6	6	6	6	6	6	-	-	-	-	-	-	-	-	-	

Trasmissione totale di energia solare g_{tot} - valore come riportato in etichetta CE.

La prestazione dei prodotti sopra indicati sono conformi all'insieme delle prestazioni dichiarate.
Si rilascia la presente dichiarazione di prestazione sotto la responsabilità esclusiva del fabbricante sopra identificato.

Noventa di Pave, 02 Gennaio 2017


 Antonio Mazzoni
 Amministratore Delegato



Lighting plays a very important role in allowing our pergolas to be used at any time of day. KE uses LED lights, perfectly integrated into the profiles of the structures. LED technology allows for low energy consumption, multiple applications and changes to light color and intensity using a simple remote control.

N.B.
See the Fabric Guide for further fabric specifications.



DATI_TECNICI:

STRIP LED	
Watt	10W
volt	24V
flow	830lm
Color temperature	3400 K
LED/m	98 led/m



EN ISO 9001

KE has adopted a Quality Management System compliant with EN ISO 9001 requirements in order to maintain and increase quality and meet the highest customer expectations. This continuous improvement, through the control of all processes and careful evaluation of risks and opportunities, engages the entire organization in the development of systems to ensure the safety and reliability of the product and in the search for innovative solutions and technologies.

OHSAS 18001

KE has activated a Safety Management System as an integral part of its work organization, committing itself to organizing the entire structure in order to pursue the objectives of continuous improvement in terms of safety and health protection. Training, knowledge and compliance with current legislation on health and safety at work, cooperation and collaboration and preventive activities are actively pursued in order to minimize the possibility of non-compliance.

EN ISO 14001

KE is ISO 14001 certified for environmental management and strives to be an example of respect for environmental resources and for the continuous improvement of its environmental management system. It is committed to continuous improvement and pollution prevention in compliance with applicable laws, regulations and standards; systematically detects any environmental impact of manufacturing processes, promotes the culture of recovery and recycling in the company and in the related production chain.

CE MARK _ EN 13561

The CE marking of outdoor awnings is a signal to the Consumer that the product can be sold freely in the EU single market, as it complies with Community provisions which recognize safety as the priority of every product that has this agreed upon reference standard. Verification of wind resistance capacity and the clear indication of the ability of the awning to contribute to the energy savings of the building (Gtot), are some of the commitments that the manufacturer makes to a product that has earned the CE marking. The name of the manufacturer, the reference standard (in our case EN 13561) accompany a product that is properly adapted to European indications.

CE MARK _ EN 1090-1

KE extended the CE marking in 2015 to stationary awnings, which are among the aluminum structural components covered by the international standard EN 1090-1. This marking reflects our use of rigorous structural design and manufacturing with qualified processes, adequate industrial resources and qualified personnel.

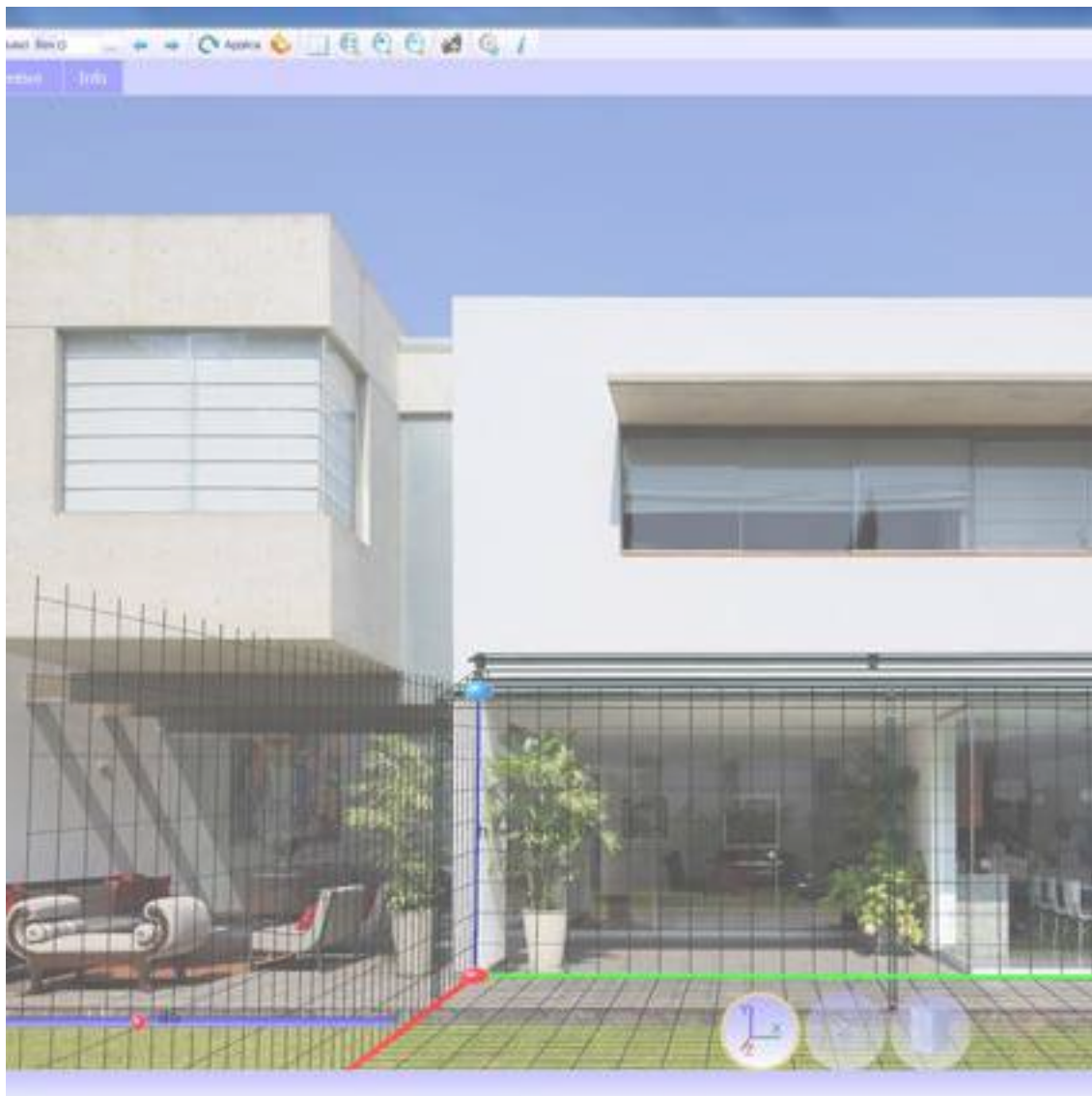
VIRTUAL SHOW ROOM



KE has adapted to the new ways of using the product by working on a digital showroom that is able to give the user a high-impact visual experience, a functional space where they can move around freely, receive detailed information on products with a simple click, and access content of interest quickly and intuitively. There is viewable content such as augmented reality and downloadable files such as data sheets, brochures and 3D models.



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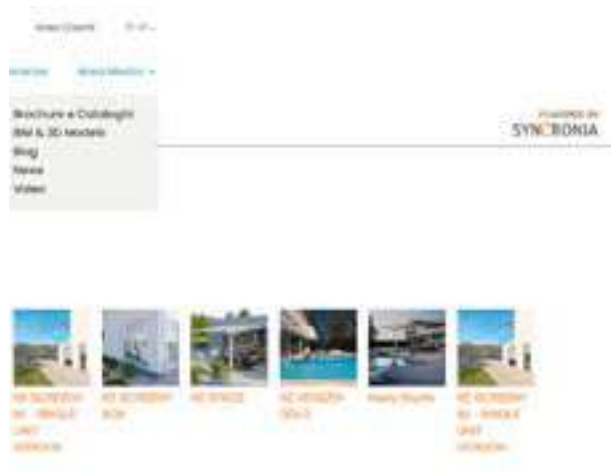


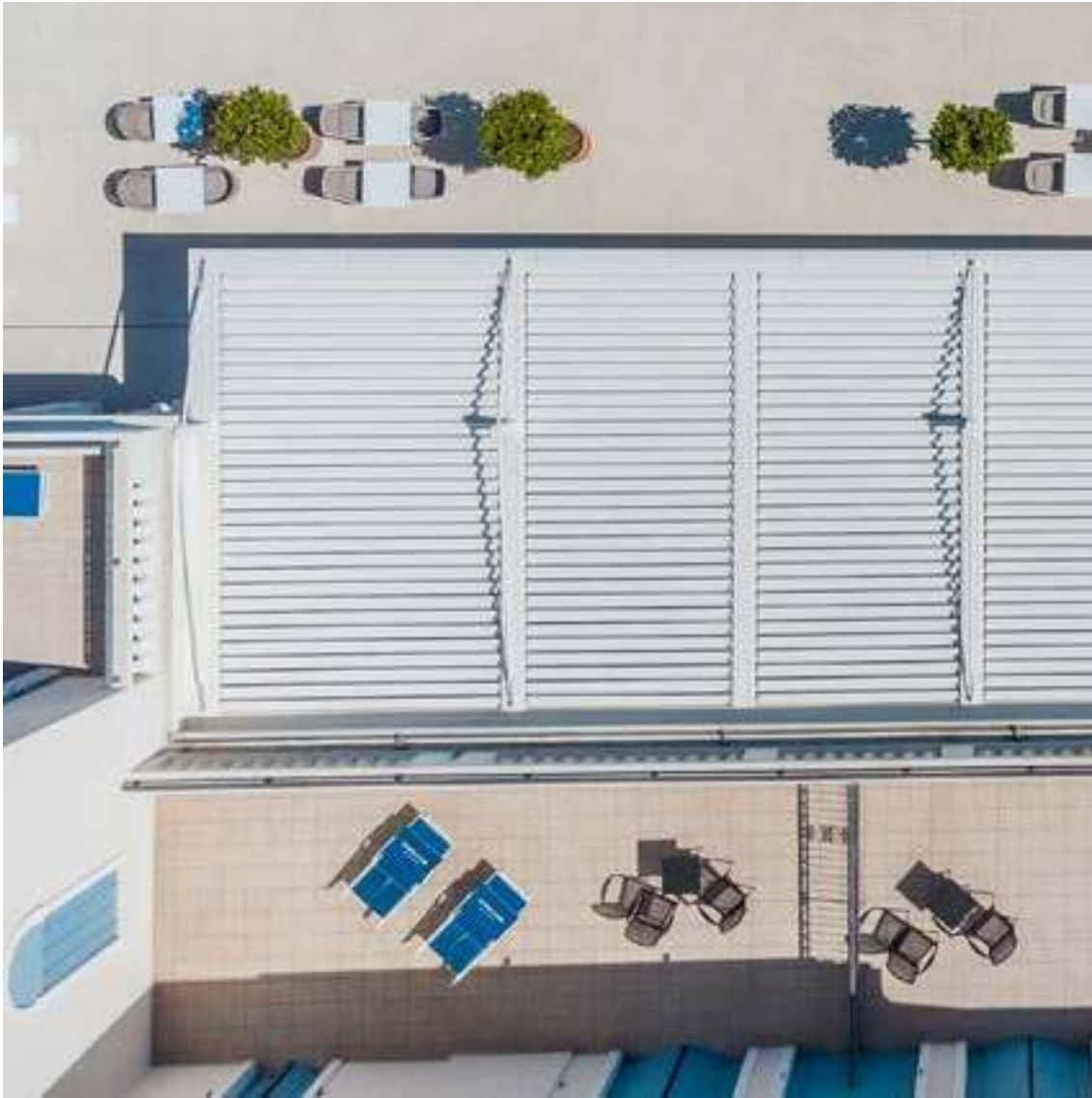
The KE B2B order system is a simple and intuitive service for placing orders conveniently online. An attractive graphic design, numerous functionalities and an easy and intuitive use mode that allows to access in real time to all the information related to the history of the orders and to the processing of the current ones. With the Cad Lite 3D Configurator you can configure Gennius and Bioclimatica models thanks to a constantly updated online catalogue. Thanks to an easy-to-use interface, it also allows you to formulate a complete quote with minimal error.





BIM technology improves the working method of designers and is now the main source of information for the realisation of a project. With BIM the model is generated in a "parametric 3D" from which a series of information such as 2D views, elevations, sections but also metric calculations and much more can be automatically derived. On the KE website you can find the BIM gallery of the main KE models, the certifications and all the useful technical documentation for each product: www.keoutdoordesign.com





A GROUP, A VISION, A GROUP IN EVOLUTION

Since 1987, KE has been designing and manufacturing arm awnings, cassette awnings, drop awnings, canopies, shelters and is specialised in shading structures that enhance the liveability of outdoor spaces, up to the redesign and restyling of urban furniture. Both for the variety of the range and the depth of the configurations, KE is a manufacturing reality able to satisfy the most demanding requests the most demanding requirements of designers, architects, window and door manufacturers, upholsterers and outdoor professionals.



Improving the experience

With KE's professionalism and experience you can rely on quality products designed to enhance your customers' outdoor experience. With KE it will be easier to live the outdoor space in perfect harmony with the surrounding environment, widening the viewpoints and ensuring maximum comfort in all seasons. all seasons.