

UNICA PS B45

16.02.2026_ rev.00



KE

UNICA PS B45

KE



500 260



1



1

Awning with independently brackets.

Heron extendable arms with cone-shaped arm supports.

Tilting of arms up to 90° through infinitely adjustable arm supports.

Rollerbat fabric roller diameter 70 mm in galvanised steel with patented system for reducing creases in the fabric.

Aluminium round front bar prepared for volant fixing.

Winch or motorised movement by means of a tubular motor (optional).

The maximum dimensions allowed are 500x260.

The profiles are made of 6060 extruded aluminium alloy.

It is wall or ceiling-mounted via extruded aluminium or die-cast brackets and steel hardware.

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

The standard colour is White 9010.

Among the options available there are other colors as shown in the samples, fabrics in the samples, roller tube cover made of extruded aluminum with end caps and support brackets.

If the awning is motorized, the installation of light sensors and anemometers with remote management capability.

"Wind resistance up to class 1 (UNI EN 13561: 2015). Resistance to rainwater puddling up to class 1 (UNI EN 13561: 2015). Class related to gtot (EN 14501: 2006) assigned to the fabric. The product has the CE marking according to UNI EN 13561: 2015."



Heron



ROLLERBAT Ø
70mm



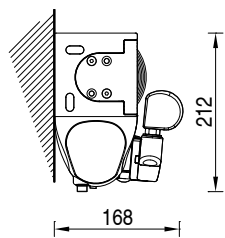
TUV



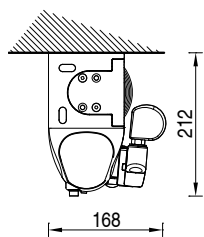
INOX
SCREWS

TECHNICAL INFORMATION

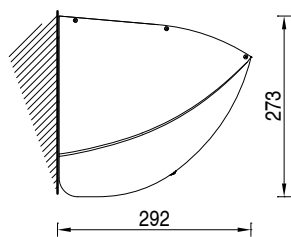
Wall installation



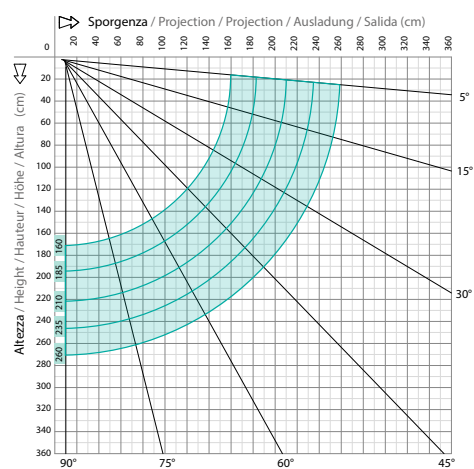
Ceiling installation



Installation with hood



Wall covering diagram



cm	
160	209
185	234
210	259
235	284
260	309

Minimum awning encumbrances - 1 pair arms

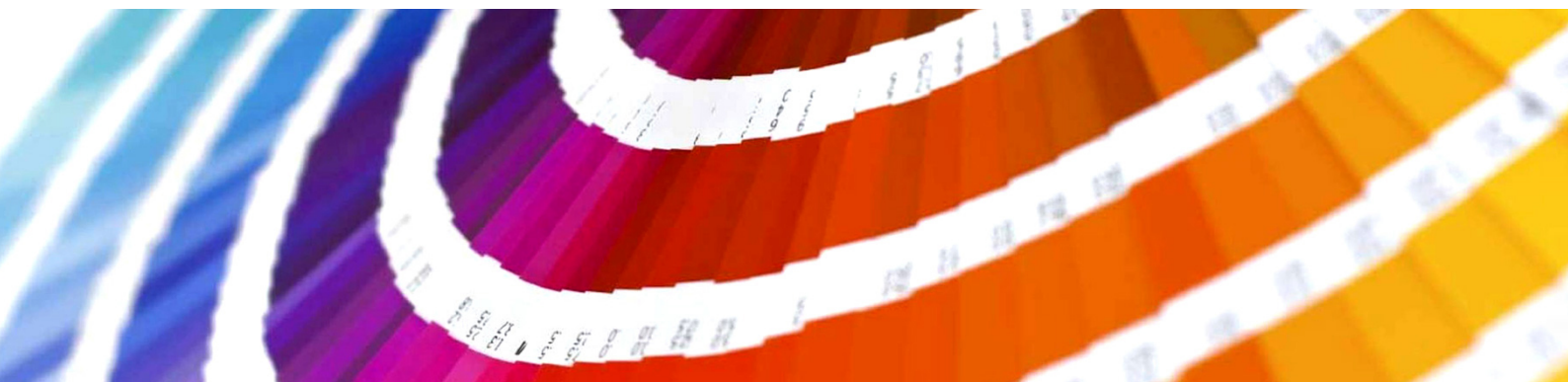


WIND RESISTANCE

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.

	DESCRIPTION	WIND SPEED m/sec	WIND SPEED m/sec	WIND SPEED Nodi	WIND EFFECTS ON THE GROUND	EN 13561
4	Moderate breeze	5,5 - 7,9	20 - 28	11 - 16	It raises dust and bits of paper and moves the small branches of trees.	Class 1
5	Fresh breeze	8,0 - 10,7	29 - 38	17 - 21	Shrubs with leaves begin to sway; inland waters rippling.	Class 2
6	Strong breeze	10,8 - 13,8	39 - 49	22 - 27	Even large branches move, umbrellas are used with difficulty.	Class 3
7	Near gale	13,9 - 17,1	50 - 61	28 - 33	The trees begin to sway; walking is difficult against the wind.	Class 4
8	Gale	17,2 - 20,7	62 - 74	34 - 40	Branches break off from the trees, and it is generally impossible to walk against the wind.	Class 5
9	Strong gale	20,8 - 24,4	75 - 88	41-47	Minor structural damage may be caused to buildings (falling tiles or covers fireplaces).	Class 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.



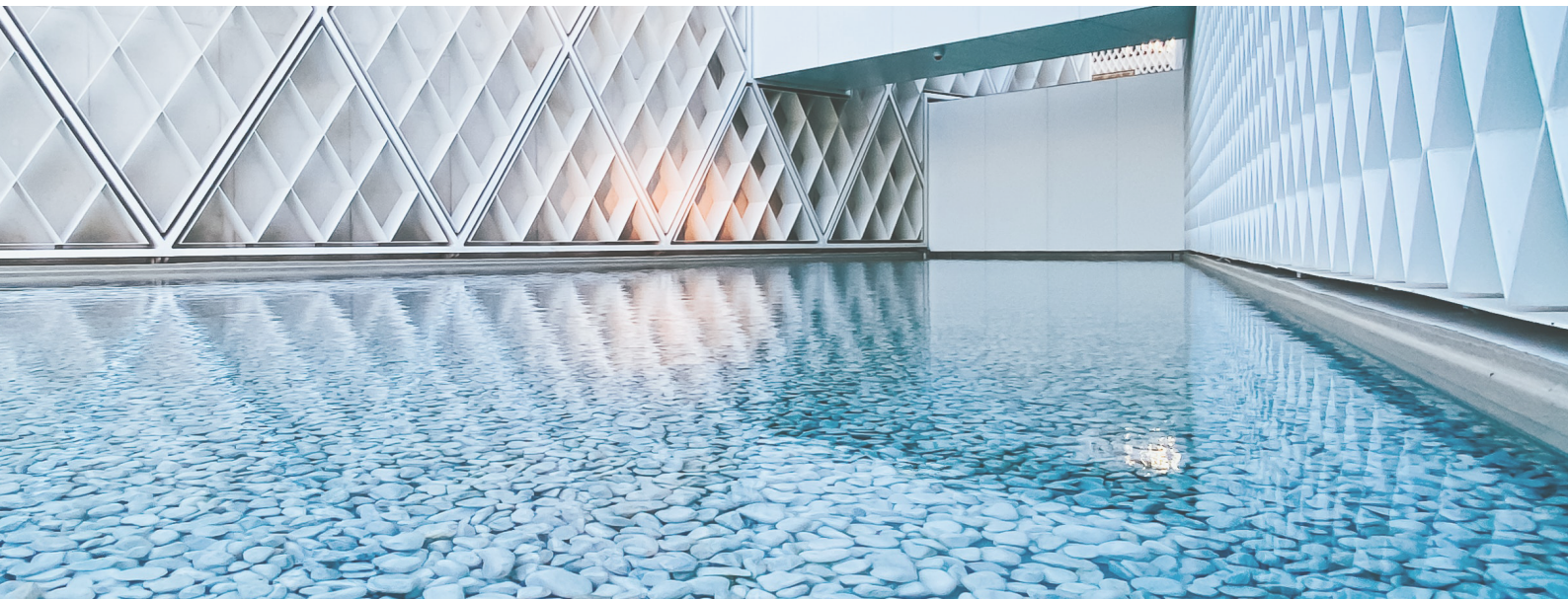
The KE painting process includes high quality standards, with an 8-stage pre-treatment that includes degreasing, deoxidation, and protective treatments before painting. Thanks to this last phase, components and profiles are further guaranteed against particularly severe environmental situations. At the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



When working with color, we know that our whole world is defined by light. And color is nothing more than a breakdown of light. Objects reflect back to our eyes only the color that defines it. This is why it is so important to recognize the close link between color and matter. For this project, there are three keywords that guide the research: Words, Places, Matters.

WORDS: Naming colors is important to make them familiar and easily recognizable.

PLACES: Places define colors. Recognizing different types of places is a starting point for defining and suggesting color combinations.

MATERIALS: Objects do not exist in isolation, but rather match the environment around them: analyzing the materials that make up the environment itself helps us to make decisions; to decide, for example, if the character of a place is false or if instead it is genuinely artistic.

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.

FABRICS

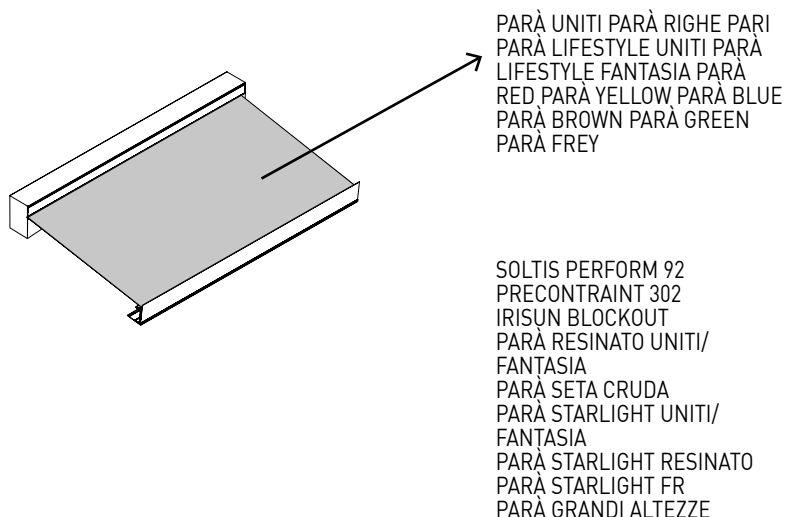


KE

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

- PARÀ UNITI PARÀ RIGHE PARI PARÀ LIFESTYLE UNITI PARÀ LIFESTYLE FANTASIA PARÀ RED PARÀ YELLOW PARÀ BLUE PARÀ BROWN PARÀ GREEN PARÀ FREY

Optional

- SOLTIS PERFORM 92
PRECONSTRAINT 302
IRISUN BLOCKOUT
PARÀ RESINATO UNITI/FANTASIA
PARÀ SETA CRUDA
PARÀ STARLIGHT UNITI/FANTASIA
PARÀ STARLIGHT RESINATO
PARÀ STARLIGHT FR
PARÀ GRANDI ALTEZZE



ENJOY THE OUTDOORS

DICHIARAZIONE DI PRESTAZIONE

N. 00006-CPR-2026-01-20

Ai sensi dell'Allegato III del Regolamento (UE) n.305/2011 del 9 marzo 2011
modificato dal Regolamento Delegato (UE) n.574/2014 del 21 febbraio 2014

TENDE A BRACCI

Impiego previsto del prodotto: Tende per uso esterno

Nome e indirizzo del fabbricante: KE PROTEZIONI SOLARI S.r.l., Via Calnova 160/a, Noventa di Piave (VE) – Italia

Sistema di valutazione e verifica della costanza di prestazione: 4

Specifica tecnica armonizzata: EN 13561:2015 – Tende esterne e tendoni – Requisiti prestazionali compresa la sicurezza

Prestazione dichiarata:

Codice di identificazione del prodotto-tipo		L (cm)	SP (cm)	Classe di resistenza al vento	Classe di resistenza alle sacche d'acqua	Specifica tecnica armonizzata
B17	FUTURA	1200	360	2	2	UNI EN 13561:2015
		1200	485	1	2	UNI EN 13561:2015
B41	OBLIQUA	600	360	1	2	UNI EN 13561:2015
B44	UNICA BQ	600	310	1	1	UNI EN 13561:2015
		800	210	1	1	UNI EN 13561:2015
B45	UNICA PS	500	260	1	1	UNI EN 13561:2015
B11	PRISMA	400	260	1	2	UNI EN 13561:2015
		480	210	1	2	UNI EN 13561:2015
B20	VENEZIA GOLD	1200	260	2	2	UNI EN 13561:2015
		1400	360	1	2	UNI EN 13561:2015
B27	VICTORY	1200	460	2	2	UNI EN 13561:2015
		1200	510	1	2	UNI EN 13561:2015
B61	QUAD	1200	360	1	2	UNI EN 13561:2015

Trasmittanza totale di energia solare g_{tot} : fare riferimento al valore riportato in etichetta CE in base al tipo di tessuto utilizzato. La fornitura dei prodotti sopra indicati è conforme all'insieme delle prestazioni dichiarate.

Si rilascia la presente dichiarazione di prestazione in conformità al regolamento (UE) n.305/2011 sotto la responsabilità esclusiva del fabbricante sopra identificato.



EN 13561:2015

Noventa di Piave, 20 Gennaio 2026

KE PROTEZIONI SOLARI S.r.l.
Simone Mazzon
Amministratore delegato



KE PROTEZIONI SOLARI S.r.l. società a socio unico
Noventa di Piave (VE) Italy - Via Calnova n.160/A Tel. +39 0421 307000 r.a. - Fax +39 0421 658840 r.a. CAP. SOC.
€ 1.600.000,00 i.v. - C.F./P.IVA IT 02178490278 - ISCR.REG.IMP. di VE N° VE 02178490278 - R.E.A. VE N° 201978 - MINCONES VE 008887
www.keoutdoordesign.com - info@ketaly.it



EN ISO 9001 _ Quality

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 _ Safety

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 _ Environment

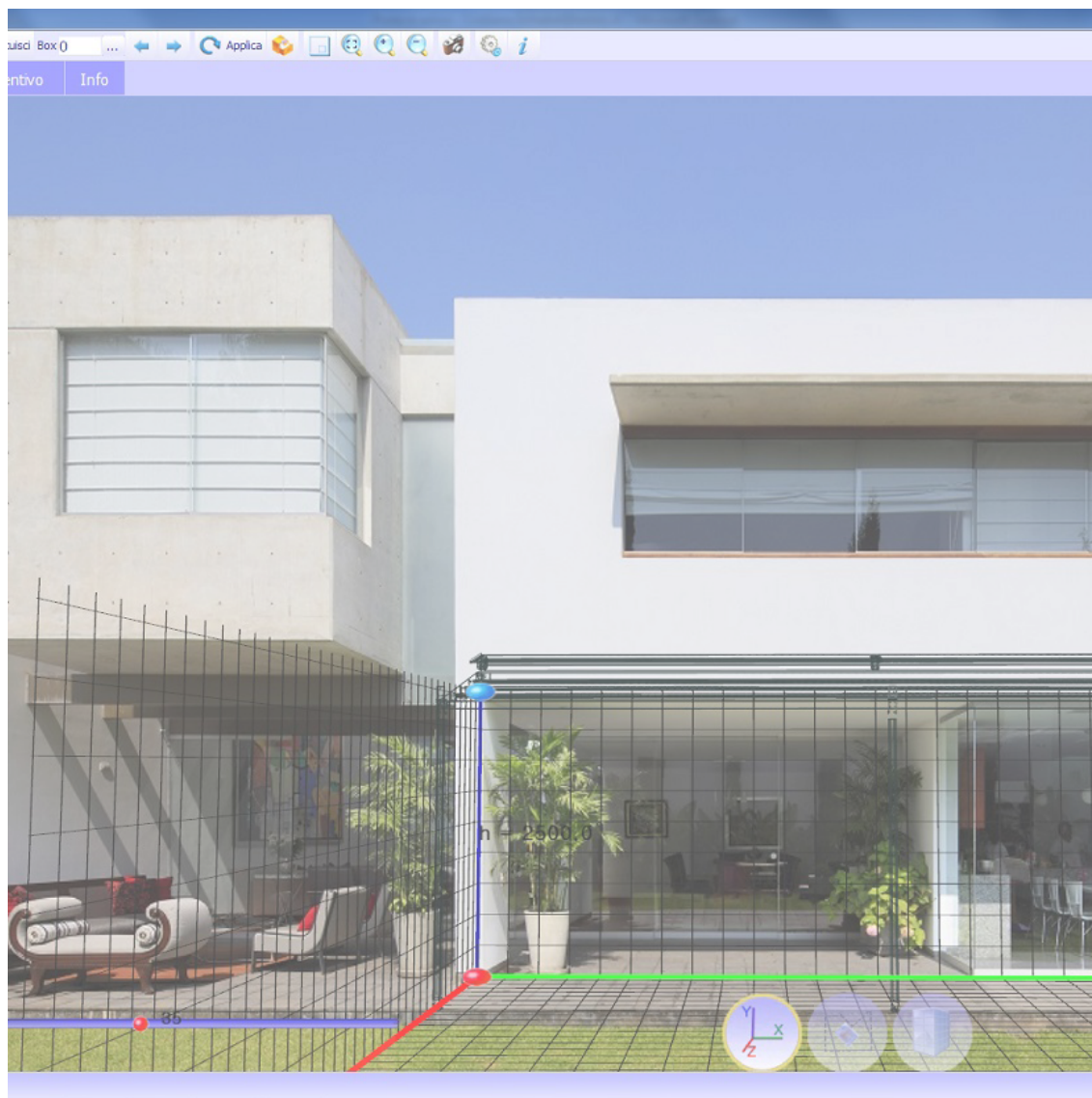
KE is ISO 14001 certified for environmental management and strives to be an example of respect for environmental resources and for the continuous improvement of its environmental management system. It is committed to continuous improvement and pollution prevention in compliance with applicable laws, 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

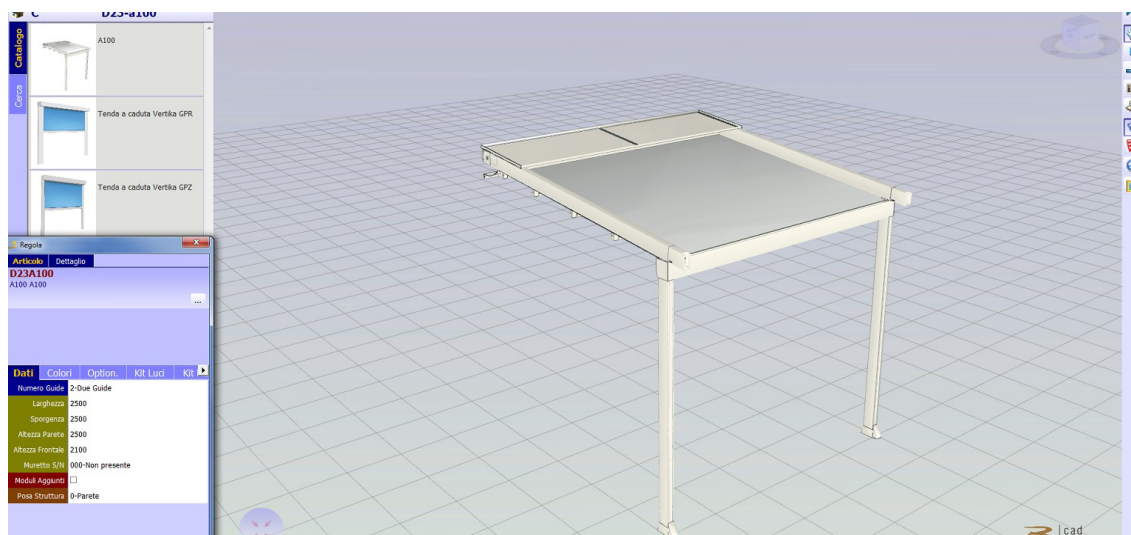
The CE marking of outdoor awnings is a signal to the Consumer that the product can be sold freely in the EU single market, as it complies with Community provisions which recognize safety as the priority of every product that has this agreed upon reference standard. Verification of wind resistance capacity 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.



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.





Home > Ambienti

Ambienti

La nostra missione è creare nuovi spazi outdoor da vivere in totale armonia. Grazie alle nostre **coperture solari e alle strutture per esterni personalizzate**, potrai **arredare con stile il tuo terrazzo, giardino, attico, ma anche modulare...** [Leggi di più](#)



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

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POWERED BY
SYNCRONIA



KE SCREENY
85 - SINGLE
UNIT
VERSION



KE SCREENY
BOX



KE SPACE



KE VENEZIA
GOLD



Kedry Skylife



KE SCREENY
85 - SINGLE
UNIT
VERSION



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.