ANTHEA B38

22.02.22_rev. 00

KE
ENJOY THE OUTDOORS

ANTHEA B38

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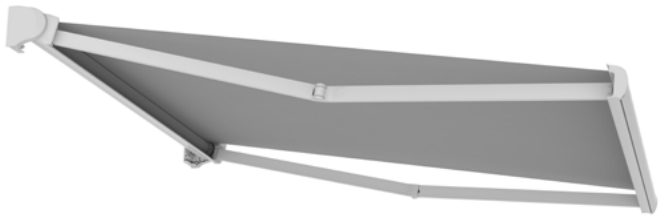


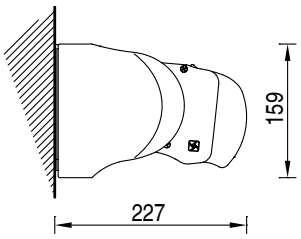
MAX CM			
450	260	2	1

Retractable awnings with total insertion in the cassette.
Lateral supports for the wall and ceiling installation.
The Balteus extendable arms are fitted with a joint designed to move them away from the fabric while the awning is being opened.
Tilting of the arms up to 75°.
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 or vertical awning terminal.
Winch or motorised movement by means of a tubular motor (optional).
The maximum dimensions allowed are 450x260.
The profiles are made of 6060 extruded aluminium alloy.
It is wall or ceiling-mounted via extruded aluminium
The painting of the interested parties is carried out with epoxy powders based on polyester resin.
The standard colours are RAL 9010 White, RAL 1013 Off white, RAL 9006 Aluminum.
Additional options include other colors as per the sample book, and in the motorised version the availability of light or rain sensors or anemometers with the possibility of remote management.
Wind resistance up to class 2 (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.

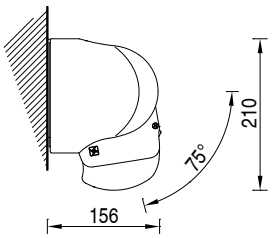
Heron — Braccio Heron
70 — Rollerbat Ø 70mm
TUV
VITERIE INOX — Viterie Inox
NO PVC SOLTIS L.MAX 450 — No PVC-SOLTIS L.Max 450

TECHNICAL INFORMATION

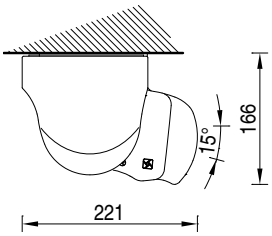
Wall installation



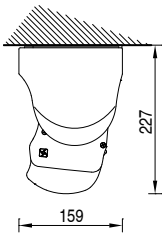
Wall installation 75°



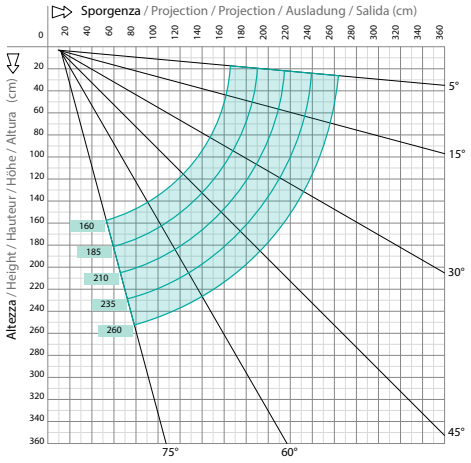
Ceiling installation 15°



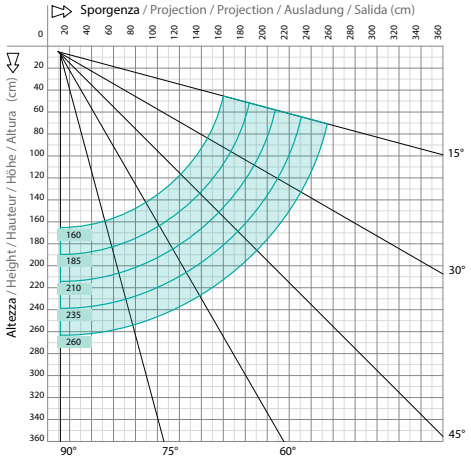
Ceiling installation 90°



Wall covering diagram

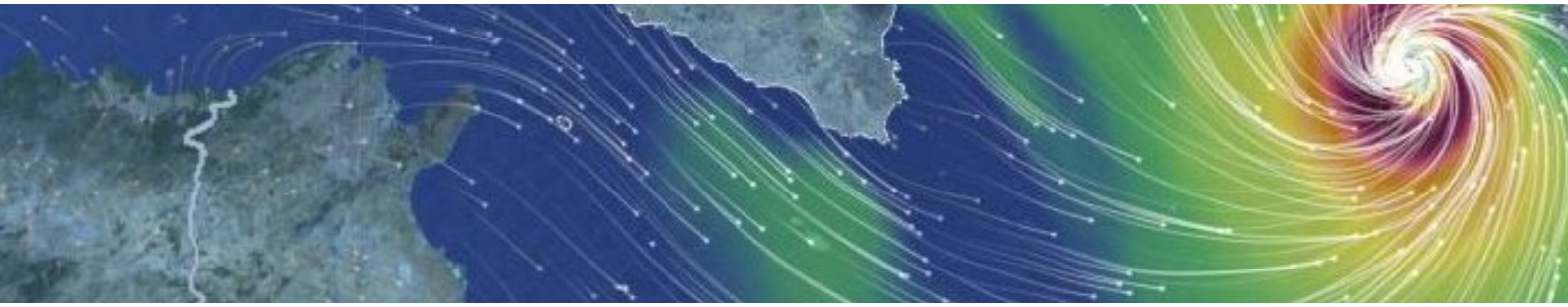


Ceiling covering diagram



cm	↔
↘	
160	187
185	210
210	236
235	260
260	286

Minimum awning encumbraces - 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.

	TERMINE DESCRITTIVO	VELOCITA' VENTO m/sec	VELOCITA' VENTO m/sec	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

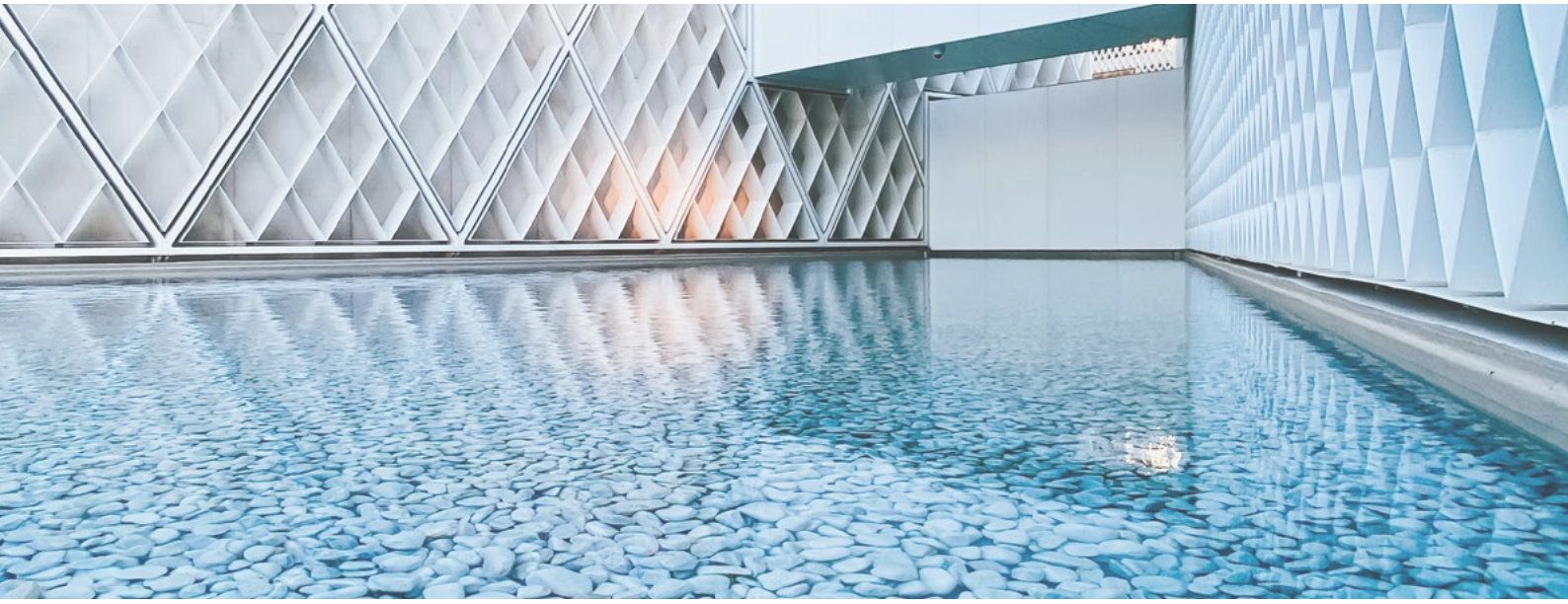
The KE painting process includes high quality standards, with an 8-stage pre-treatment that includes degreasing, deoxidation, and protective treatments before painting. Thanks to this last phase, components and profiles are further guaranteed against particularly severe environmental situations. At the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

COLORI



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)

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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.

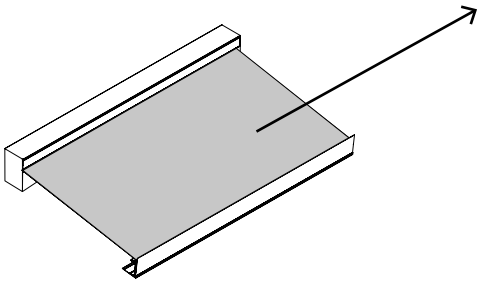
Effect of GTOT on thermal comfort					
Gtot value	>= 0,50	>= 0,35 e < 0,50	>= 0,15 e < 0,35	>= 0,10 e <0,15	< 0,10
Class	0	1	2	3	4
	very mild effect	Mild effect	Moderate effect	good effect	very good effect

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

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.



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

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

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
  PRECONTRAINT 302
  IRISUN BLOCKOUT
  PARÀ RESINATO UNITI/FANTASIA
  PARÀ SETA CRUDA
  PARÀ STARLIGHT UNITI/FANTASIA
  PARÀ STARLIGHT RESINATO
  PARÀ STARLIGHT FR
  PARÀ GRANDI ALTEZZE

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DICHIARAZIONE DI PRESTAZIONE
N. 00005-CPR-2022-01-27

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 CASSONETTO

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 identificazione del prodotto-tipo		L (cm)	SP (cm)	Classe di resistenza al vento	Classe di resistenza alle sacche d'acqua	Specifica tecnica armonizzata
B52	QUBICA PLUMB	1200	435	1	2	UNI EN 13561:2015
B52	QUBICA PLUMB AKI	1200	410	1	2	UNI EN 13561:2015
B50	QUBICA FLAT	1200	360	2	2	UNI EN 13561:2015
B50	QUBICA FLAT AKI	1200	360	2	2	UNI EN 13561:2015
B51	QUBICA LIGHT	600	360	1	2	UNI EN 13561:2015
B51	QUBICA LIGHT AKI	600	360	1	2	UNI EN 13561:2015
B36	DOMEA	600	310	1	1	UNI EN 13561:2015
		500	360	1	1	UNI EN 13561:2015
B35	ANTALIA	550	310	1	1	UNI EN 13561:2015
		500	260	2	1	UNI EN 13561:2015
B38	ANTHEA	450	260	2	1	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 indentificato.

CE EN 13561:2015

Noventa di Piave, 27 Gennaio 2022

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

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 prossibility 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.

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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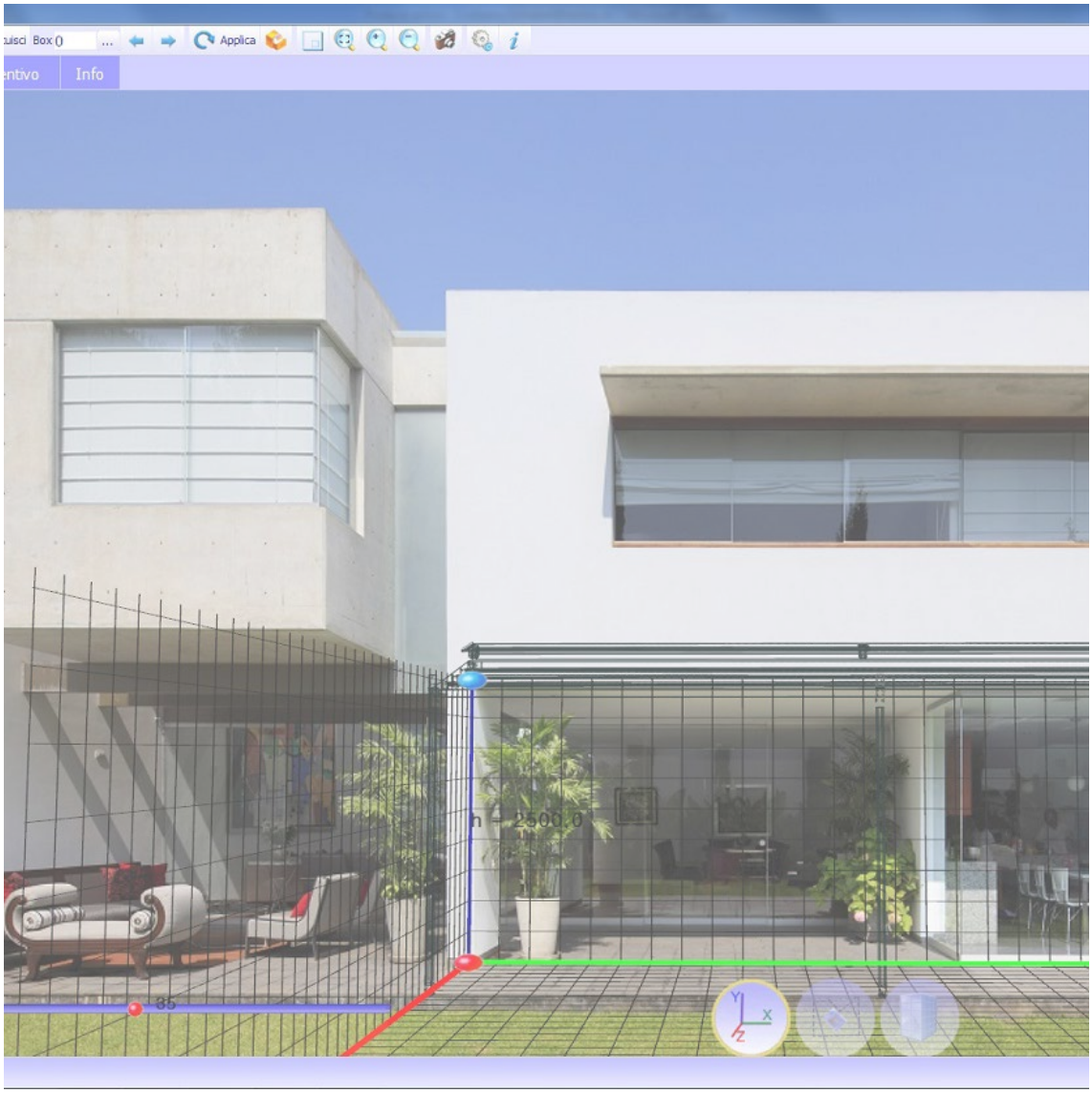
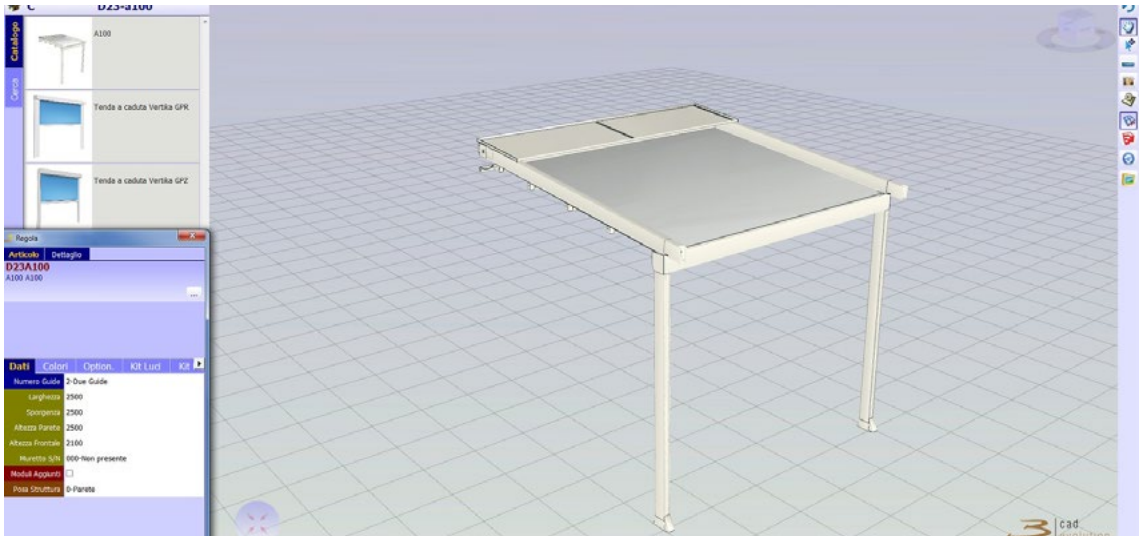
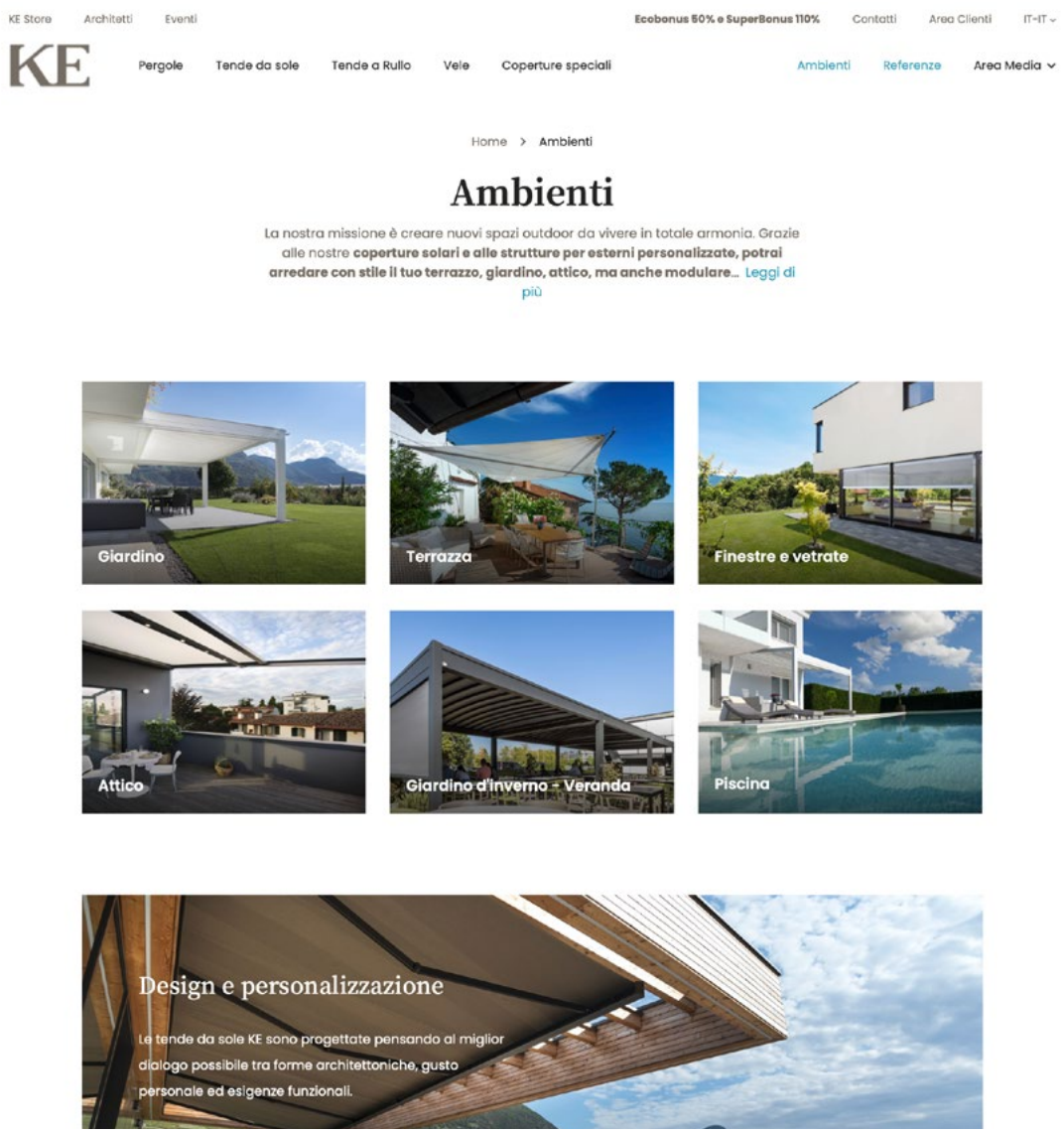
B2B - CONFIGURATOR 3D



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.





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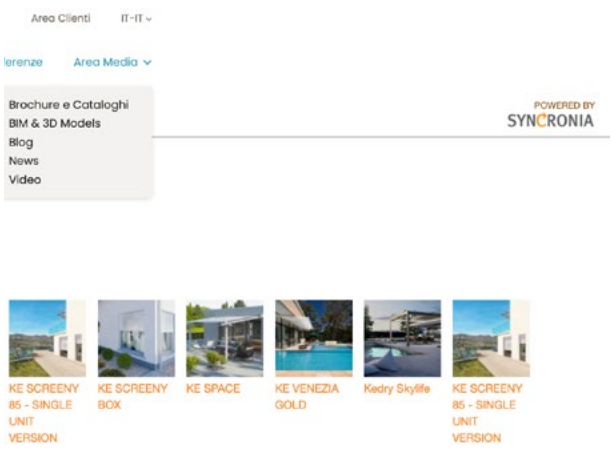

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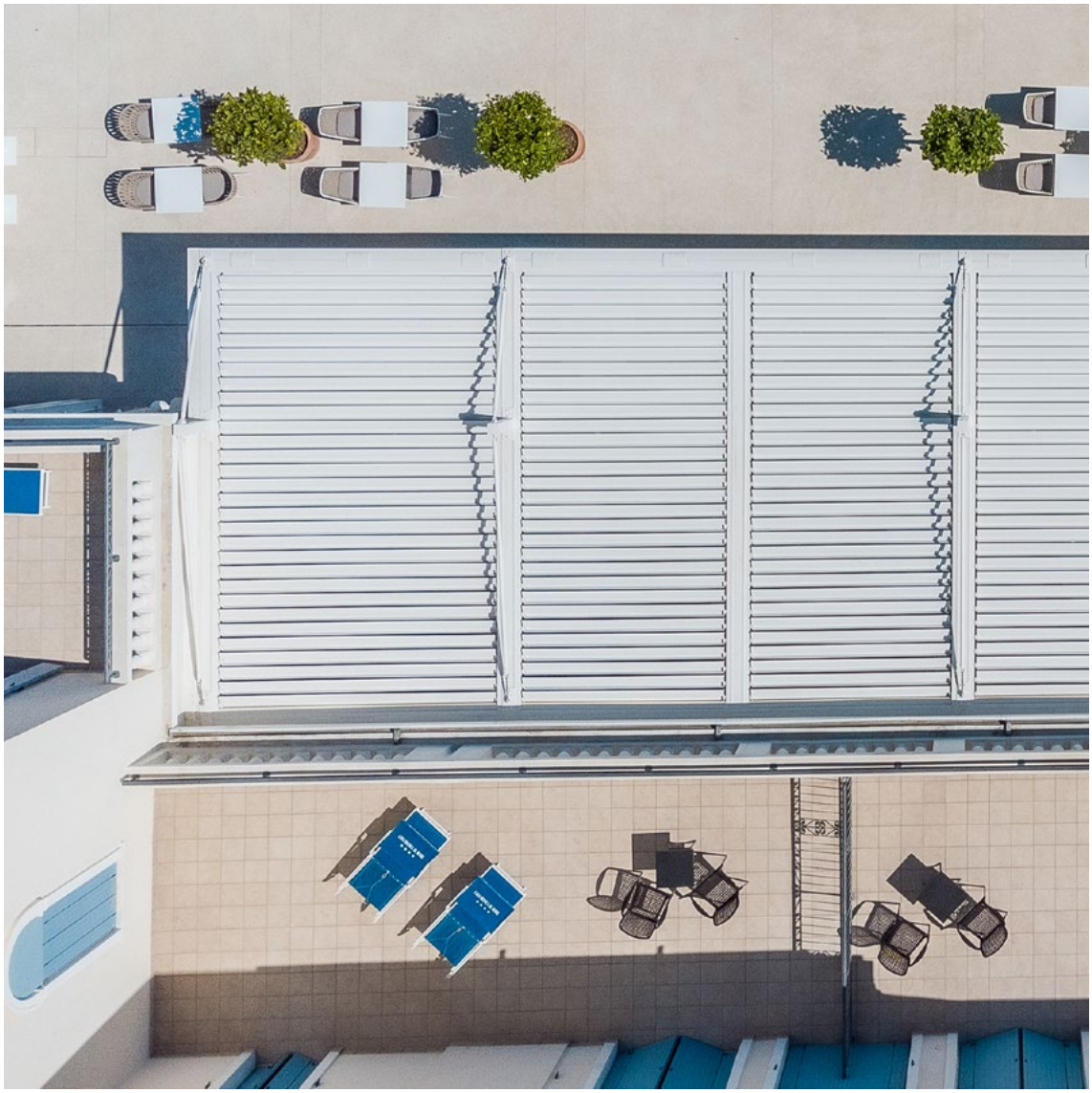
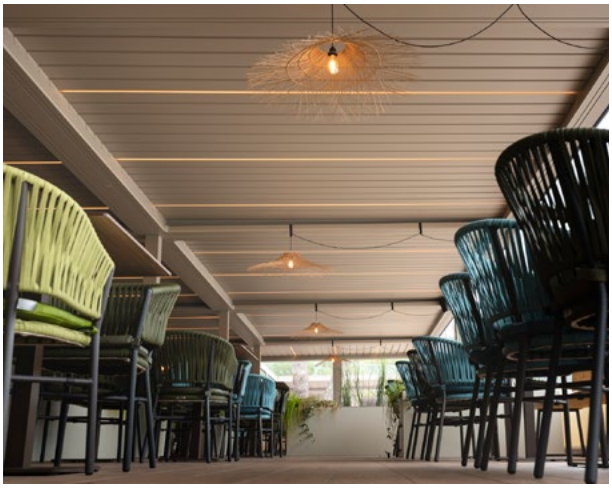


A GROUP,
A VISION,
A GROUP IN EVOLUTION



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.