

LINE GLASS

12.07.23_rev.01



KE
ENJOY THE OUTDOORS



LINE GLASS



↔ 1000 ↻ 300



↔ 120 ↻ 120

Frameless sliding glass doors with floor guide on y height 18 cm.

Max dimensions 1000x300.

The doors can be slid to the left or the right and the direction can quickly be changed, even during the installation phase.

The system is modular to make cleaning easier.

Side or central closure.

Bi-fold system with aligned glass doors.

The height of each door can be adjusted by up to 8 mm.

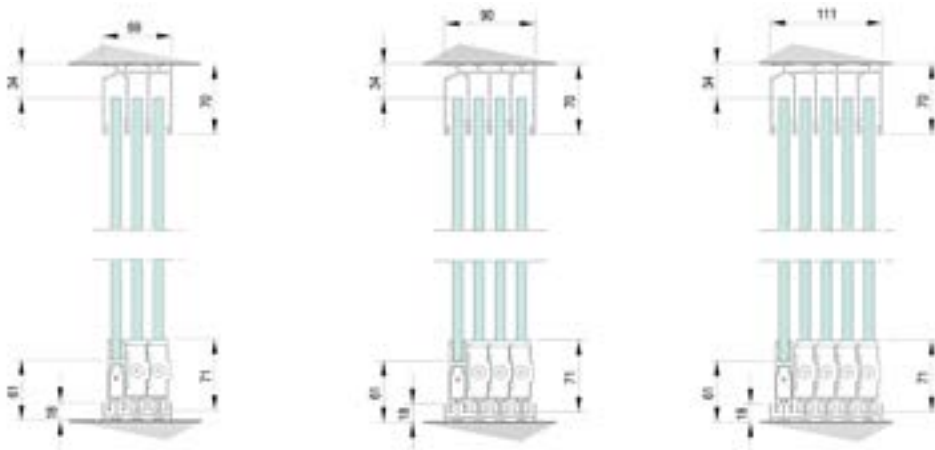
It is not guaranteed to be 100% waterproof in the event of heavy rain or high winds and rain.

Wide range of colors including RAL 9010 white, RAL 9010 mat white, RAL 7016 Iron, Carbon rough and Corten rough.

CE marking according to EN 14531/1:2016.

TECHNICAL INFORMATION

General technical plan



Closure with standard handle



Standard handle

Locking Optional



Key/Key



Key/Handle





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.

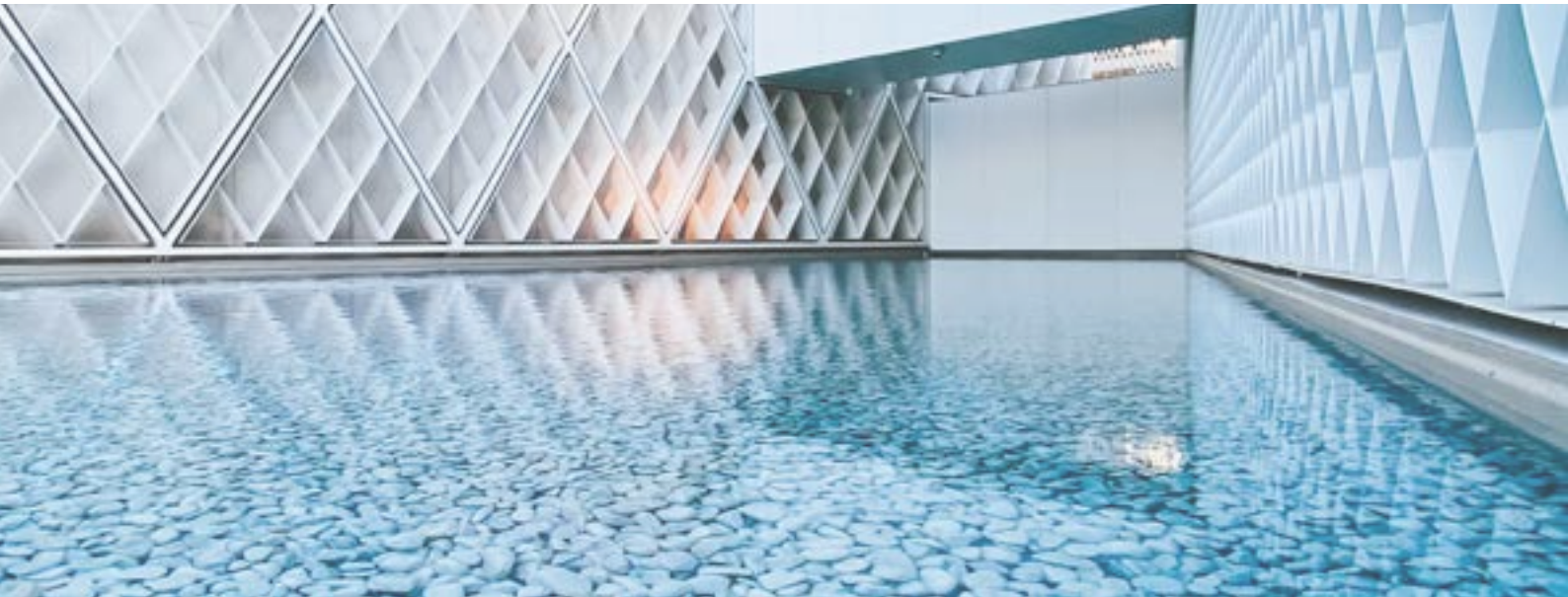
The plant in which aluminum or galvanized steel products with a length of up to 7 meters can be treated, includes 7 treatment tanks, 1 double compartment drying oven, 1 polymerization oven and 1 purification plant for waste water treatment.

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)



GLASS CERTIFICATIONS

Trasparente (standard)

Caratteristiche luminose - EN 410

Trasmissione luminosa: tv [%] 88

Riflessione luminosa esterna: pv [%] 8

Caratteristiche energetiche - EN 410

Fattore solare: g [%] 82

Riflessione energetica: pe [%] 7

Proprietà termiche - EN 673

Trasmittanza termica: Ug [W/(m²K)] 5,6

(Trattamento vetro HST opzionale)



Extra chiaro

Caratteristiche luminose - EN 410

Trasmissione luminosa: tv [%] 91

Riflessione luminosa esterna: pv [%] 8

Caratteristiche energetiche - EN 410

Fattore solare: g [%] 90

Riflessione energetica: pe [%] 8

Proprietà termiche - EN 673

Trasmittanza termica: Ug [W/(m²K)] 5,6

(Trattamento vetro HST opzionale)



Riflettente

Caratteristiche luminose - EN 410

Trasmissione luminosa: tv [%] 32,5

Riflessione luminosa esterna: pv [%] 23,4

Caratteristiche energetiche - EN 410

Fattore solare: g [%] 42,8

Riflessione energetica: pv [%] 19,3

Proprietà termiche - EN 673

Trasmittanza termica: Ug [W/(m²K)] 5,3

(Trattamento vetro HST opzionale)





GLASS CERTIFICATIONS

Acidato

- Caratteristiche luminose - EN 410
- Trasmissione luminosa: tv [%] 87
- Riflessione luminosa esterna: pv [%] 7
- Caratteristiche energetiche - EN 410
- Fattore solare: g [%] 80
- Riflessione energetica: pv [%] 6
- Proprietà termiche - EN 673
- Trasmittanza termica: Ug [W/(m²K)] 5.6

(Trattamento vetro HST opzionale)



Fumé

- Caratteristiche luminose - EN 410
- Trasmissione luminosa: tv [%] 26
- Riflessione luminosa esterna: pv [%] 5
- Caratteristiche energetiche - EN 410
- Fattore solare: g [%] 43
- Riflessione energetica: pv [%] 5
- Proprietà termiche - EN 673
- Trasmittanza termica: Ug [W/(m²K)] 5.6

(Trattamento vetro HST opzionale)



Certificazioni

Line Glass viene sottoposto a test in laboratorio per poter assicurare la massima resistenza e sicurezza. Una qualità certificata grazie all'Istituto Giordano S.p.A., ente inserito nel gruppo degli organismi notificati CE che opera nel campo della certificazione di prodotti e delle prove in laboratorio sui materiali. Line Glass è marcata CE secondo EN 14351-1: 2016.



DICHIARAZIONE DI PRESTAZIONE
00001-CPR-2020-11-02

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

Codice di identificazione unico del prodotto: LINE GLASS

Uso previsto del prodotto: Porta esterna pedonale

Nome e indirizzo del fabbricante: KE PROTEZIONI SOLARI S.r.l., Via Calnova 160/a, 30020 Noventa di Piave (VE) – Italia

Sistema di valutazione e verifica della costanza di prestazione: Sistema 3

Norma armonizzata: UNI EN 14351-1:2016 - Finestre e porte - Norma di prodotto, caratteristiche prestazionali - Parte 1: Finestre e porte esterne pedonali

Organismo notificato: Istituto Giordano S.p.A., laboratorio di prova notificato n. 0407

Dimensioni:

Denominazione	Tipo apertura	Larghezza massima L	Altezza massima H	Numero vetri N
LINE GLASS 5x3	Apertura singola	500 cm	300 cm	5
LINE GLASS 7x3	Apertura doppia	700 cm	300 cm	8

Prestazioni dichiarate:

Caratteristiche essenziali	Specifiche tecniche armonizzate	Norma di prova
Resistenza al carico del vento: Classe 1	UNI EN 14351-1:2016	UNI EN 12211:2016

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 14351-1:2016

Noventa di Piave, 02 Novembre 2020

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 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.

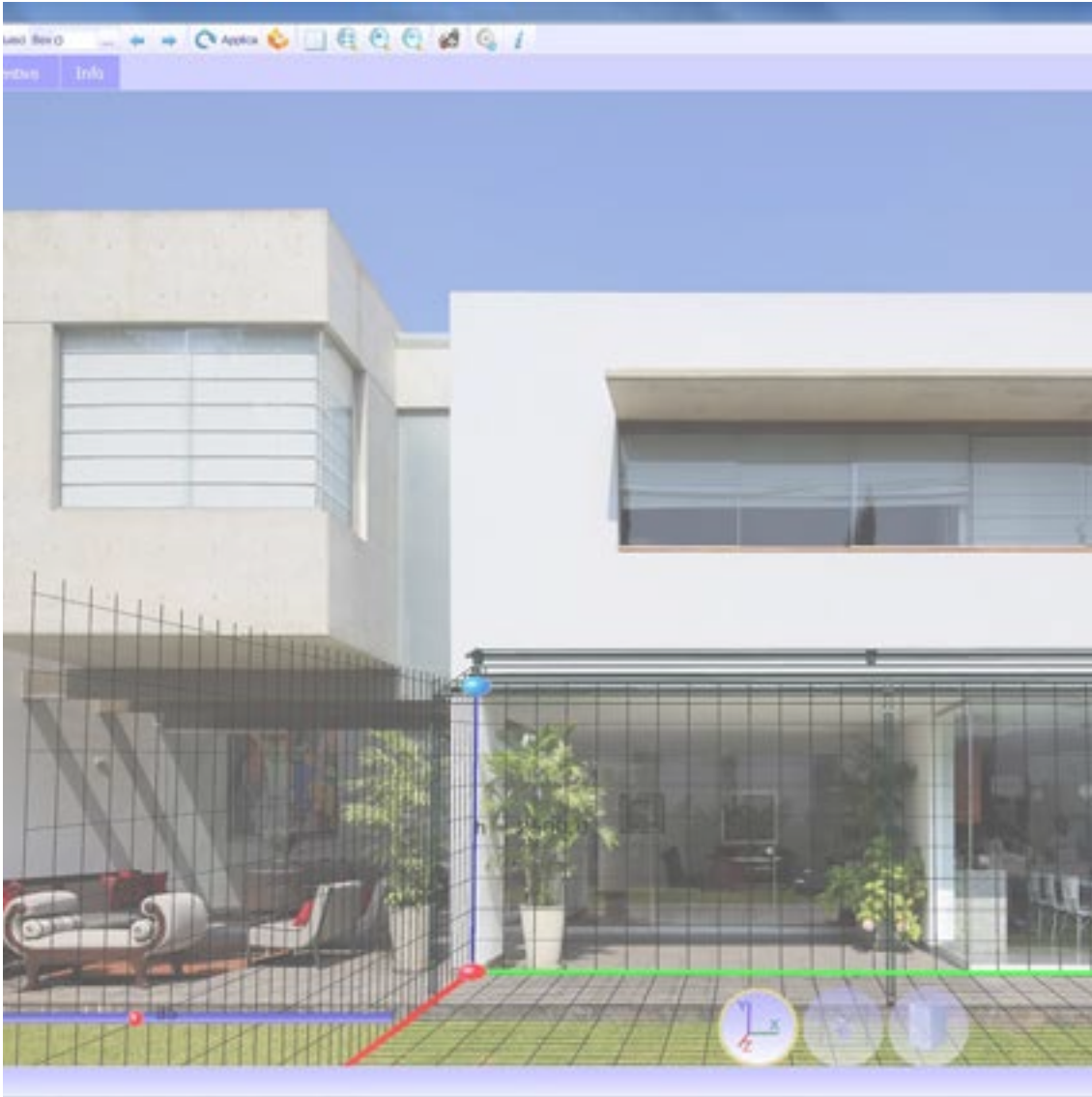
VIRTUAL SHOW ROOM



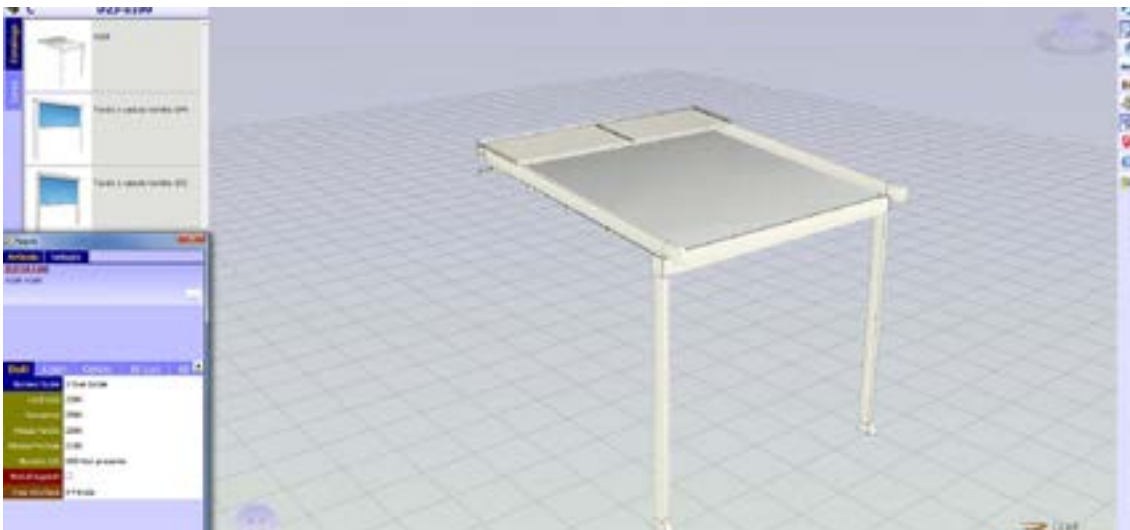
KE has adapted to the new ways of using the product by working on a digital showroom that is able to give the user a high-impact visual experience, a functional space where they can move around freely, receive detailed information on products with a simple click, and access content of interest quickly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



KE
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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 the Genius 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





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.