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ÇUHADAROĞLU



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2-16

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17-28

intersecure

29-32

# ABOUT

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## ÇUHADAROĞLU

Çuhadarođlu is a leading aluminium extrusion and aluminium system house company, which was founded in 1954. With its experience of 69 years, Çuhadarođlu has an integrated facility with casting line, extrusion lines, extrusion die shop, surface treatment facility, mechanical processes and assembly lines in 90.000 m<sup>2</sup> production area in Istanbul.

Çuhadarođlu manufactures all its aluminium products from primary aluminium that is globally recognized and certified. Besides, Çuhadarođlu carries out its production in accordance with ISO 9001: 2015 and TSE standards. In addition, ISO 14001, ISO 27001 and ISO 45001 are among the certifications that have been complied with.

Çuhadarođlu company is designing and producing aluminium architectural systems such as doors & windows, facade and sliding systems and also aluminium industrial profiles to many countries for various industries.

Çuhadarođlu Group Companies constructed new brands strategy under "Communication Oriented" with a brand family consisting of interal, interax, interwall, intersecure and interdigi; which will act with development, innovation and branding in construction business.

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Çuhadarođlu, an aluminium construction pioneer with over a half century of experience, exemplifies its gained achievements to the world with its interax Door and Accessory systems. Offering a wide range of products to meet user needs, interax features Automatic Sliding Door and Revolving Door systems, KTS Glazed Folding Door systems, and Automatic Swing Door Operator systems. interax blends comfort, safety and needs in construction together.



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# KA 200

## Automatic Swing Door Operator

The interax KA 200 swing door mechanism is designed to create functionality for all kinds of doors. It is very easy to transform the regular doors into health pass in minutes!

A regular door has a key and lock mechanism working with door handle. Thanks to interax KA 200's elegant and robust design with its own mechanical lock mechanism inside, the doors either with one sash or with two sashes could be locked automatically through the unique program switch and within that a lock or a handle on the door will no longer be necessary!

This ability enables uninterrupted, continuous and solid designs on the gates with frame to frame or glass to glass doors. Less accessories on the doors will also provide economical and ease of assembly solutions.





- Transform your regular door into health pass in minutes!
- Fast installation for one sash or for two sashes.
- There is no key that can open the door, because there is no lock!
- Smart setup and functional mode settings.

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# S110

## Automatic Sliding Doors

interax Automatic Sliding Door systems offer special solutions for your structures. The doors are providing maximum efficiency in building with their powerful and silent working mechanism. Thanks to the integrated battery, in case of any power cut, the door provides uninterrupted working comfort.

While interax Automatic Sliding Doors keep aesthetics and insulation at the highest level, their user-friendly programmable structure allows you to change all functions of the door easily. The software is designed by Çuhadaroğlu Company, offers special solutions to your demands. It also supports the building fire scenario and the interoperability of tandem doors such as airlocks.

interax Automatic Sliding Doors modular and provide easy installation. The digital card can be easily connected to the building automation. On-Off and locking can be performed through the central control system of the building. It can automatically program variable parameters such as opening / closing forces and speeds. In addition, the mechanism is controlled by a digital program switch, offers numerous adjustment possibilities by changing the door functions, and this feature creates high flexibility.

interax Automatic Sliding Door Systems respond to architectural demands through various such as slim, thick, and non-profile sash systems. interax Automatic Sliding Door Systems are working with high performance, which are applied in various projects and also in projects with heavy human circulation such as city hospitals.







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# TELES110

## Telescopic Automatic Sliding

interax Automatic Sliding Door systems offer special solutions for your structures. It is an ideal solution that can be used especially in narrow spaces when wide passage openings are needed.

TELES110 Automatic Telescopic Sliding Doors, which are produced with 2 movable sashes opening in one direction or 4 moving sashes opening in both directions, have the opportunity to make all the settings with a single button on the digital display. It offers aesthetic solutions to architectural demands thanks to its various sash systems consisting of insulated, non-insulated, slim and thick profiles and glass combinations that can be used within.

interax Automatic Sliding Doors are modular and provide easy installation. The digital card can be easily connected to the building automation. On-Off and locking can be performed through the central control system of the building. It can automatically program variable parameters such as opening / closing forces and speeds. In addition, the mechanism is controlled by a digital program switch, offers numerous adjustment possibilities by changing the door functions and this feature creates high flexibility.

While interax Automatic Sliding doors keep aesthetics and insulation at the highest level, their user-friendly programmable structure allows you to change all functions of the door easily. The software is designed by Çuhadaroğlu Company, offers special solutions to your demands. It provides maximum efficiency in buildings with its powerful and silent working mechanism. Thanks to the integrated battery, in case of any power cut, the door provides uninterrupted working comfort.



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# ANTIPANIC

## Automatic Sliding Doors

interax Antipanic Automatic Sliding Doors operate as standard automatic sliding doors in normal use, but in emergency situations, all sashes (all of the sliding and fixed sashes) are opened 90 degrees by pushing force to the escape direction, so that allow the building to be evacuated quickly and perform both functions successfully.

Thanks to the panic opening feature, the sliding and fixed sashes of the Antipanic Automatic Sliding Doors are working like a door with hinges and opening to the escape direction; the opening sashes can be also collected on the side of the opening direction, if needed.

Within this feature, when necessary, the door also provides a space equal to the passage opening and allows the transportation of goods with large volumes.



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# ARCUS

## Automatic Revolving Doors

Automatic Revolving Doors are one of the important products that affect the prestige and usage of an architectural structure in terms of functionality and aesthetic. interax automatic door products are designed as solution-oriented to meet your expectations.

W/o canopy or glass ceiling; with 3 or 4 sashes, for large diameter revolving doors solutions could be provided to architectural demands with diverse alternatives, such as showcases in the middle of the doors.

Many features are available in interax automatic revolving doors; vertical and horizontal jamming sensors, manual operation during power cuts, panic escape application, movement of the door sashes without stopping even when the sash is forced by pushing during normal rotation, halfspeed rotation that enables the entrance of physically disable people, etc.

In interax Automatic Revolving Doors, which are preferred in many projects with heavy human circulation, thanks to the new technological improvements used on the operator, the possibility of the door to malfunction is minimized. With regular maintenance, they can work for many years without any problems. The software is designed by Çuhadaroğlu Company, offers special solutions to your demands.





Many features are available in interax automatic revolving doors;

- Vertical and horizontal jamming sensors.
- Manual operation during power cuts.
- Panic escape application.
- Movement of the door sashes without stopping even when the sash is forced by pushing during normal rotation.
- Halfspeed rotation that enables the entrance of physically disable people, etc.

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# ARCUS M

## Manual Revolving Doors

Arcus M Manual Revolving Doors are an aesthetic entrance door solution preferred in buildings where pedestrian circulation is high and where a protection for cold or hot air in the building is demanded. interax manual revolving door products are designed as solution-oriented to meet your expectations. The door can be produced with a minimum 10 cm thick canopy and with a maximum diameter of 4 meters up to 3 or 4 sash options. It provides thermal insulation with the brush gasket on sashes.



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# ARC

## Automatic Sliding Doors

Arc Automatic Sliding Doors are one of the products that provide aesthetic and functional solutions can be applied to building entrances or exits.

interax Arc Automatic Sliding Doors offer aesthetic solutions to your architectural demands by applying them both on curved façade surfaces or as a full circle with canopies and with various sash systems such as slim, thick, and non-profile sashes. While interax Arc Automatic Sliding doors keep aesthetics and insulation at the highest level, their user-friendly programmable structure allows you to change all functions of the door easily. The software is designed by Çuhadaroğlu Company, offers special solutions to your demands.

interax Arc Automatic Sliding Doors are modular and provide easy installation. The digital card can be easily connected to the building automation. On-Off and locking can be performed through the central control system of the building. It can automatically program variable parameters such as opening / closing forces and speeds. In addition, the mechanism is controlled by a digital program switch, offers numerous adjustment possibilities by changing the door functions and this feature creates high flexibility.



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KTS

Fold & Slide System

KTS system provides modular areas and comfort in places such as banks, shops, restaurants, cafes, hotels, office spaces, meeting rooms, thanks to the fact that the place can be opened or closed completely when desired.

With the KTS system, spaces can become compatible with all four seasons. KTS system has an advantage that there is no "guide" or any threshold on the ground in the KTS system. Prioritizing quality in all materials used ensures that this system is easy to use and very long-lasting.

While KTS separates the spaces from each other, providing superior security, visual protection, silent operation during the movement of the separator panels and comfortable usage.







### Advantage

- Sliding panes can be used as single or double opening sashes.
- By fixing the door's sash-rail connection and locking the hydraulic door closer, the door can be used as a service door.
- Pane-rail connection lock on sliding and opening sashes can be easily opened and closed via the swing arm.
- A special rail section and pulley system smoothen pane moves.

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Çuhadarođlu offers modern and aesthetic solution to indoor spaces with "interwall Office Partitioning Systems" prepared with a business experience of 69 years. The needs of users are met in full with the profile systems minimized by taking into consideration aesthetic concerns. The partition systems applied in glass or wooden panel on aluminium carriers accommodate modern lines in their designs, all the while producing different solutions to your architectural needs. Çuhadarođlu offers high quality, affordable and practical, solutions with a product range containing various systems according to the requirements of the spaces and the ease of application of these products.



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# VITRUM

Glass to Glass Single Glazing System



**System Properties:**

Spaces created with consolidated glass gain transparency and depth. The boundaries determining the spaces offer together unique harmony of modern and affordable designs with the maximum light gain. The plain design inspires trustworthy and minimalist project solutions when the partition system extends across your office.



Intelligence Office - Nidakule / Ataşehir



- Designed with consolidated glass principle, does not require any additional profile on the vertical.
- There are special profiles within the system where switches, aircon control panel etc. can be assembled.

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# VITRUM DUO

Glass to Glass Double Glazing System



**System Properties:**

Vitrum Duo system integrates plain appearance of double aspecial solutions to your needs thanks to its property that brings together prestige and transparency, all the while it ensures creation of transparent spaces.



- It is a system which provides sound insulation. Spaces are separated among them with transparent boundaries.
- It is preferred in spaces such as meeting rooms where the element of sound is important as well as the transparency.

Beyçelik Headquarters - Nidakule / Ataşehir

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# ALVEO

Double Glazing Clipped System



**System Properties:**

The Alveo system combines the unique harmony of wood and glass with modern lines of aluminium. The grooved structure on the profiles allows for unusual combinations of applications. With its sound insulation and natural appearance, as well as the possibility of using alternative accessories, it adds value to your space design.





- Consists of modular panels in principle. The profile cassettes produced at the factory are fixed on carrier systems assembled at the site. Created in glass modules as well as wooden and aluminium panels, the system can be mounted as a mix.
- Spaces can be isolated visually, if required, by using micro blinds in glass modules inside the system.



Rayon Tekstil - Merter

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# MAGNEO

Double Concealed Glazing System



**System Properties:**

Magneo system uses structural glass sealing technique to hide horizontal and vertical profiles under the transparency of the glass. You can create spaces for your architectural taste with Magneo series which brings prestige to projects.



Sabancı Headquarters - Levent



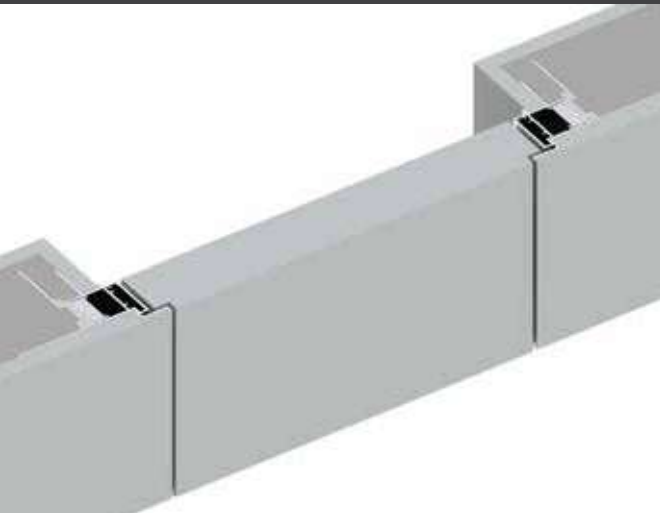
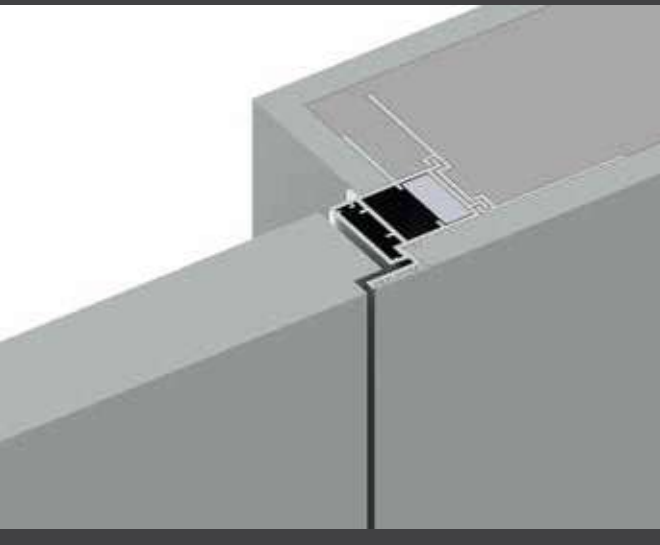
■ Consists of panels mounted on carrier profiles in principle. The profile cassettes produced at the factory are fixed on carrier systems assembled at the site. Created in glass modules as well as wooden and aluminium panels, the system can be mounted as a mix.

■ Spaces can be isolated visually, if required, by using micro blinds in glass modules inside the system.

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# INTER D.O.O.R.

Concealed Door Cases



**System Properties:**

INTERDOOR Concealed Door Systems ensure smooth wall evenness; wall-anchored aluminium frames prevent unesthetic wall cracks, whilst panels are engirdled by millimetrically equal joining strips.

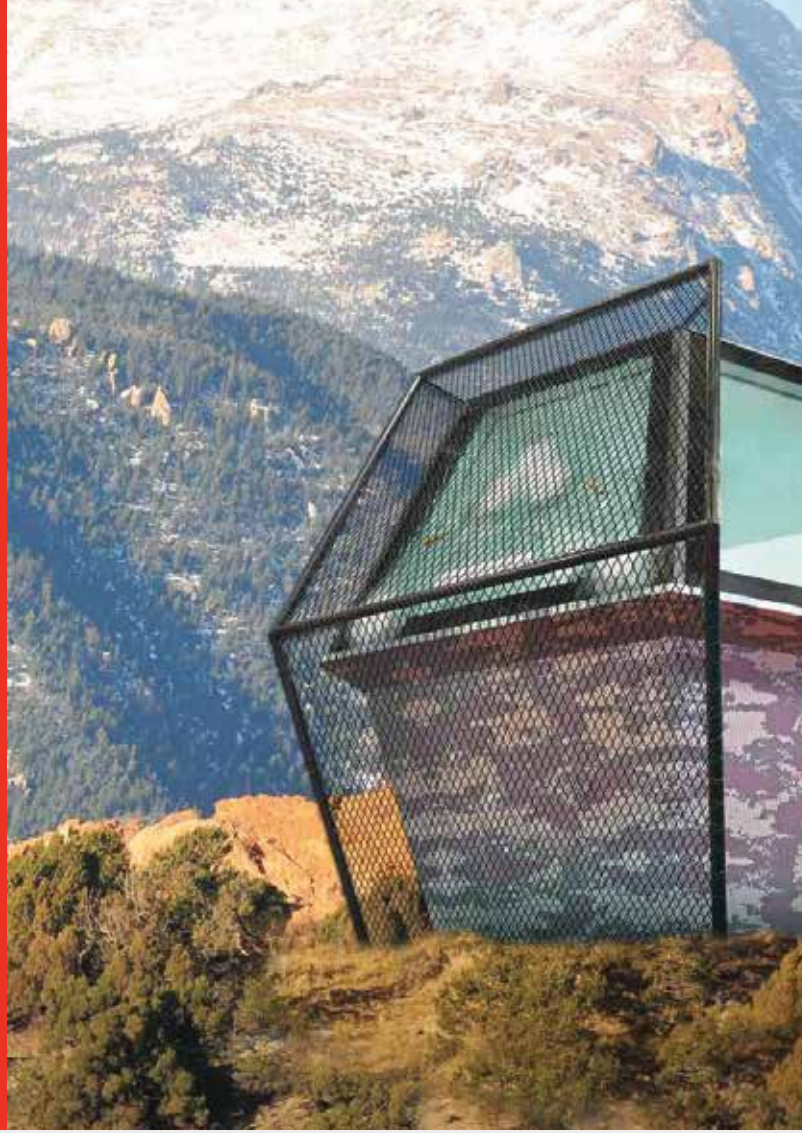


#### Advantage

- Select between glass and wooden panel.
- Installable as single panel.
- Optional concealed hinges.
- Available in RAL color or anodized.

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Çuhadaroğlu, the pioneer of the aluminium construction business with its experience of more than half a century, offers its knowledge and experience for all situations with all-glass fire-resistant aluminium joinery, bulletproof joinery and blast-proof façades, where low-medium-high security demands are requested.



# AR 83 DS 103 KG

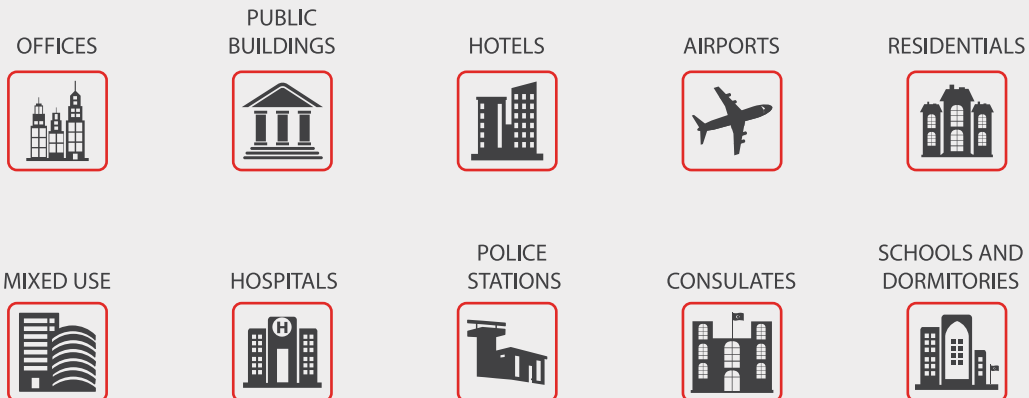
The AR 83 provides a wide range of protection from pistol attacks to G3 machine gun attacks with its armor profiles made of very hard aluminum alloy with a hard anodized surface. The new DS 103 KG system has been designed with architectural product knowledge since 1954 and experience with security products since 1998. Within this, the protection including FB7 class could be applied to buildings, without any damage on visual integrity where the systems could be used on indoor and outdoor applications.

The systems were tested in accordance with the EN 1523 standard in England Advantica, Germany Uvm, Ankara EGM and Istanbul Kapedam Test Laboratories and passed successfully. DS 103 KG system profiles could be produced in all RAL and anodized colors, with QUALANOD and QUALICOAT standarts.



SYSTEM	CLASS	CALIBER	REFERENCE
AR 83	FB6	7,62X51 NATO	EN 1523
DS 103 KG	FB7	7,62X51 AP	EN 1523

## APPLICATION AREAS





# FP 67 DS 92 YD



Beside its functionality, ÇUHADAROĞLU FP 67 Fire Resistant Aluminum Systems keep the spread of fire at a minimum level for 60 or 90 minutes and/or allow people to pass into safe areas. Smoke and heat are the two main damaging elements in case of fire and FP 67 does not allow exposure to these elements.

The new DS 92 YD system has been designed and put into production through the experience with security products since 2005. DS 92 YD Fire Resistant Door, Window and Façade System is for the needs of protection against fire that may occur only inside, both inside and outside or only outside depending on the purpose of use. In respect to the requested fire resistance class, direction and place of use, fire resistance classes could be obtained according to these needs.

SYSTEM	CLASS	CALIBER	REFERENCE
FP 67	Fire Resistance Class	EI 15 30 45 - - E 15 30 45 60 90	EN 1634-1
DS 92 YD	Fire Resistance Class	EI 15 30 45 60 90 E 15 30 45 60 90	EN 1634-1

## APPLICATION AREAS

BUSINESS  
CENTERS



PUBLIC  
BUILDINGS



HOTELS



AIRPORTS



HOUSING



SHOPPING  
MALLS



HOSPITALS



POLICE  
STATIONS



CONSULATES



SCHOOLS AND  
DORMITORIES





## **CONTACT**

Yakuplu Mh. Hürriyet Bulvarı No: 153  
34524 Beylikdüzü / İSTANBUL

Web: [interax.com.tr](http://interax.com.tr)

[interwall.com.tr](http://interwall.com.tr)

[intersecure.com.tr](http://intersecure.com.tr)

Tel / Phone: 0 (212) 867 05 00

E-mail: [info@interax.com.tr](mailto:info@interax.com.tr)

## **SOCIAL MEDIA**

LinkedIn: [/cuhadaroglu-aluminyum-sanayi](#)  
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# ÇUHADAROĞLU

Yakuplu Mah. Hürriyet Bulvarı No: 153  
34524 Beylikdüzü / İstanbul / Türkiye  
Tel: 0212 867 05 00 Faks: 0212 867 05 50  
[www.cuhadaroglu.com](http://www.cuhadaroglu.com)