

PRODUCT CATALOGUE



interax



interwall



intersecure

ÇUHADAROĞLU



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ABOUT

ÇUHADAROĞLU

Çuhadaroğlu is a leading aluminium extrusion and aluminium system house company, which was founded in 1954. With its decades of experience, Çuhadaroğlu has an integrated facility with casting line, extrusion lines, extrusion die shop, surface treatment facility, mechanical processes and assembly lines in a 90,000 m² production area in Istanbul.

Çuhadaroğlu manufactures all its aluminium products from primary aluminium that is globally recognized and certified. Besides, Çuhadaroğlu 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.

Çuhadaroğlu designs and produces aluminium architectural systems such as doors & windows, façade and sliding systems, and also aluminium industrial profiles for many countries and various industries.

Çuhadaroğlu Group Companies constructed a new brand strategy under "Communication Oriented" with a brand family consisting of Interat, interax, interwall, intersecure and Interdigi; which will act with development, innovation and branding in the construction business.

interax

Çuhadaroğlu, an aluminium construction pioneer with over half a century of experience, showcases its expertise worldwide through its interax Door and Accessory Systems. Designed to meet diverse user needs, interax offers a wide range of solutions including Automatic Sliding and Revolving Door systems, KTS Glazed Folding Door systems, and Automatic Swing Door Operator systems. interax combines comfort, safety, and functionality in construction projects.



interax

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.

interax

S 110

Automatic Sliding Doors

interax Automatic Sliding Door Systems offer high-performance, silent, and powerful operation for various structures. With an integrated battery, they ensure uninterrupted use during power cuts. Designed by Çuhadaroğlu, the user-friendly software supports fire scenarios, tandem door functions (like airlocks), and allows easy programming of all door functions.

The modular design allows for quick installation, while the digital control card integrates with building automation systems for centralized On/Off and locking. Adjustable parameters such as speed and force enhance flexibility.

Available in slim, thick, and non-profile sash options, interax systems meet diverse architectural needs and perform reliably even in high-traffic areas like city hospitals.





Turkuvaz Medya Headquarters - Istanbul



interax

TELES 110

Telescopic Automatic Sliding Doors

interax TELES 110 Automatic Telescopic Sliding Doors offer ideal solutions for narrow spaces that require wide passage openings. With 2 or 4 movable sashes, all settings can be managed via a single button on the digital display. The system offers aesthetic flexibility with insulated, non-insulated, slim, and thick profiles, as well as various glass combinations.

Thanks to its modular design, installation is quick and straightforward. The digital control card integrates seamlessly with building automation systems, enabling centralized control of opening, closing, and locking functions. Variable parameters such as speed and force can be programmed automatically, while a digital program switch allows flexible adjustments to door functions.

The user-friendly software, developed by Çuhadaroğlu, enables effortless configuration of all settings. Its powerful and silent mechanism ensures maximum efficiency. In the event of a power outage, the integrated battery provides uninterrupted operation.





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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

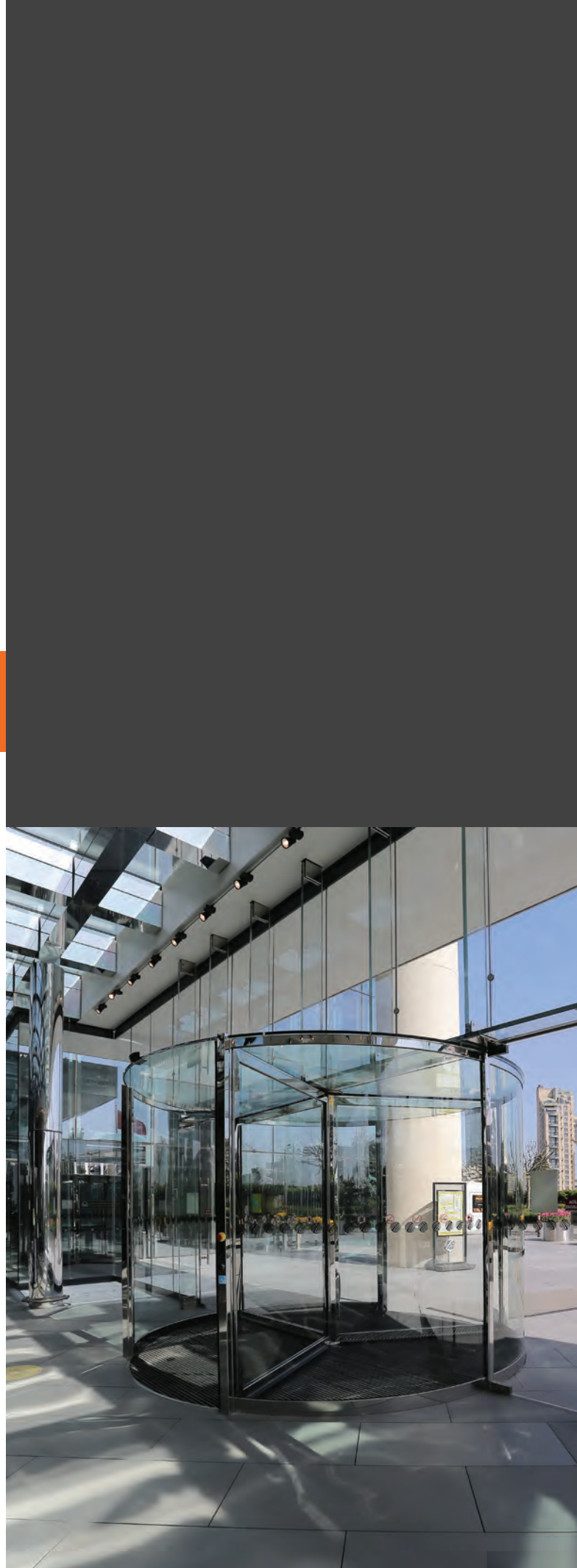
Automatic Revolving Doors

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, half speed 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.



Zorlu Shopping Mall - Istanbul



Şekerbank Headquarters - Istanbul

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 forced by pushing during normal rotation.
- Half speed rotation that enables the entrance of physically disabled people, etc.



Şekerbank Headquarters - Istanbul

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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.

interval

Çuhadaroğlu offers modern and aesthetic solutions for indoor spaces with its "interwall Office Partitioning Systems", developed with decades of industry experience. Designed with a focus on aesthetics, the minimized profile systems fully meet user needs. The partition systems, which can be applied with glass or wooden panels on aluminium frames, add modern lines to interiors while providing versatile solutions for different architectural requirements. Çuhadaroğlu delivers high-quality, affordable, and practical solutions with a wide product range that adapts to the specific needs of spaces and ensures ease of installation.





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VITRUM

Glass to Glass Single Glazing System

Spaces designed with the glass-to-glass joint principle, without the need for vertical profiles, achieve maximum transparency and depth. The boundaries defining these spaces combine exceptional light transmission with the unique harmony of economical and contemporary design. When applied continuously, the system's clean lines inspire safe and minimalist project solutions.

The system includes special profiles that allow for the integration of control panels such as light switches, air conditioning controls, and more. Thanks to its easy installation, project delivery times are significantly shortened.



Intelligence Office Nidakule - Istanbul



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VITRUM DUO

Glass to Glass Double Glazing System

The VITRUM DUO system is designed for spaces that require sound insulation in addition to the features of the VITRUM series. While enabling the creation of aesthetically pleasing and transparent spaces, it also provides effective acoustic insulation, offering solutions tailored to your needs. Spaces are divided with transparent boundaries while maintaining a unified look. It is preferred in areas such as meeting rooms, where both transparency and sound insulation are important. It is a system that provides soundproofing.

There are special profiles within the system where electrical fixtures, air conditioning control panels, etc. can be assembled. Its specially designed door frame allows the use of a door closer if needed. Considering project delivery times, the special clip-on profile system enables easy installation and saves time on site.



Beyçelik Headquarters - Istanbul





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ALVEO

Double Glazing Clipped System

ALVEO is a double-glazed partition system used in office interior applications, consisting of vertical profiles, cassette modules, and joint details. The system offers various options, including framed or frameless glass doors, as well as framed or frameless wooden doors with aluminum frames. At the door edges, there are nameplate profiles that allow the installation of electrical switches, air conditioning controllers, and similar control panels.

Based on the principle of modular panels, this system enables cassette modules to be prefabricated in the workshop and then quickly and easily installed on site.

In addition to glass modules, the system allows for the integration of wooden or aluminum panels with horizontal and vertical joints to meet architectural requirements. Between the cassette modules, manual or automatic blinds can be used. ALVEO is also a high-performance acoustic system, preferred in spaces where acoustic comfort and sound insulation are essential.



Sarıyer Municipality Building - Istanbul





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MAGNEO

Double Concealed Glazing System

The MAGNEO system conceals horizontal and vertical profiles beneath the transparency of the glass by using a structural glazing technique. With the MAGNEO series, which adds prestige to projects, you can create spaces tailored to your architectural preferences.

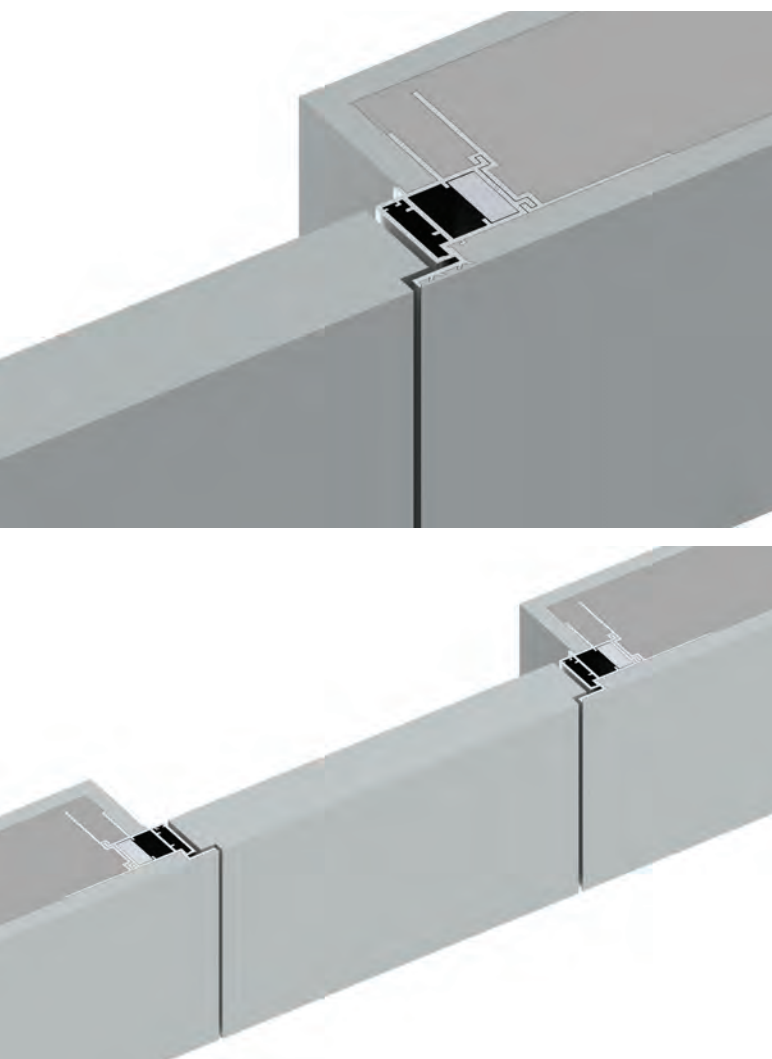
In principle, the system consists of panels mounted onto supporting profiles. The cassette modules are prefabricated in the workshop and then fixed onto the supporting structures installed on site. In addition to glass modules, the system can be configured as a mixed design with wooden or aluminum panels.

Micro blinds can be integrated into the glazed modules to provide visual privacy when needed. Likewise, single- or double-sided file cabinets can be incorporated into the system to maximize space efficiency. Its specially designed door frame also allows the use of a door closer when required.



Sabancı Center - Istanbul





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INTER D.O.O.R.

Concealed Door Cases

INTER D.O.O.R. Concealed Door Systems ensure smooth wall evenness; wall-anchored aluminium frames prevent anaesthetic wall cracks, whilst panels are en girdled by millimetrically equal joining strips.

Cengiz Holding - Ankara

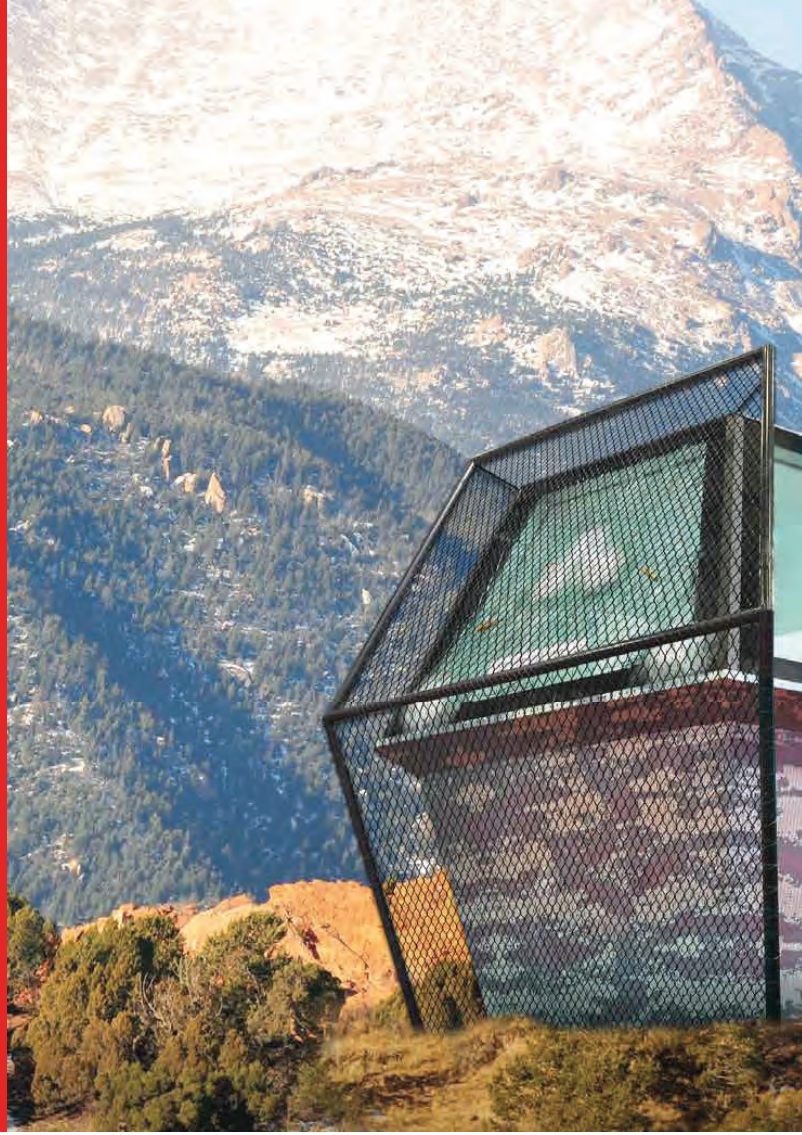


Okan University, Faculty of Dentistry - Istanbul



intersecure

Çuhadaroğlu, a pioneer in the aluminium construction industry with over half a century of experience, brings its expertise to projects requiring low, medium, or high security with its all-glass fire-resistant aluminium joinery, bulletproof joinery, and blast-proof façades.





Fire is one of the greatest risks in terms of building safety, requiring advanced measures to minimize the loss of life and property. In this context, intersecure Fire-Resistant Door and Window systems are critical structural elements that delay the spread of flames and temperature, providing valuable time for safe evacuation. These systems are made from high-temperature-resistant materials and are developed and tested in compliance with different fire resistance classifications. Designed to integrate with modern architecture, these solutions enhance fire safety both indoors and on building façades, contributing to the overall protection of structures.

FP 67 DS 80 YD DS 92 YD

Fire-Resistant Door & Window Systems

Beyond functionality, FP 67, DS 80 YD, and DS 92 YD Fire-Resistant Aluminum Systems reduce fire spread, ensuring safe evacuation. Flames and heat are the most critical threats during a fire, and these systems effectively prevent exposure.

intersecure Fire-Resistant Systems have been developed using Çuhadaroğlu's expertise in security solutions since 2005. Fire-Resistant Door, Window, and Façade Systems provide reliable protection for both indoor and outdoor applications. Fire resistance class, direction, and application area can be customized based on specific requirements.

Applications:

Offices, Public Buildings, Hotels, Airports, Residences, Mixed Use Facilities, Hospitals, Police Stations, Schools and Dormitories, Consulates.





Security has become one of the most fundamental necessities in today's living and working environments. Increasing threats and risk factors have led individuals and institutions to seek more durable and reliable solutions. In particular, in high-risk areas such as public buildings, financial institutions, and military facilities, advanced protection measures have become essential to ensure the safety of life and property. Security is not limited to physical precautions alone; it also provides psychological comfort and peace of mind.

Çuhadaroğlu's intersecure brand offers bullet-resistant door and window systems, ensuring superior protection against external threats. Manufactured with durable aluminum alloys and ballistic glass technology, these systems provide maximum security while seamlessly integrating with modern architecture in both indoor and outdoor applications.

AR 83 DS 103 KG

Bulletproof Door & Window Systems

AR 83, with its high-strength aluminum alloy and hard anodized surface, offers a wide protection range, including FB7 class. It is resistant to handgun and G3 machine gun attacks. It can be manufactured in all RAL and anodized colors and complies with QUALANOD and QUALICOAT standards. DS 103 KG, developed with extensive experience in security and architecture, provides effective protection, including FB7 class. It is designed to ensure security while maintaining aesthetic integrity.

Both systems have been successfully tested according to the EN 1523 standard at Germany Uvm, Ankara EGM, and Kapedam Test Laboratories.

Applications:

Offices, Public Buildings, Hotels, Airports, Residences, Mixed Use Facilities, Hospitals, Police Stations, Schools and Dormitories, Consulates.





All civilian and military settlements have unfortunately become targets of terrorist attacks. However, with preemptive structural measures, it is possible to prevent loss of life and property within buildings. The weakest points of structures are doors and façades; therefore, the façades and entrance doors of all types of buildings should be reinforced against bomb attacks.

intersecure Blast-Proof Systems not only enhance security but also integrate seamlessly with the architectural integrity in terms of aesthetics and functionality. Developed with a modern design approach, these doors and windows provide long-lasting and durable solutions while maintaining architectural aesthetics without compromising security.

BomSTOP

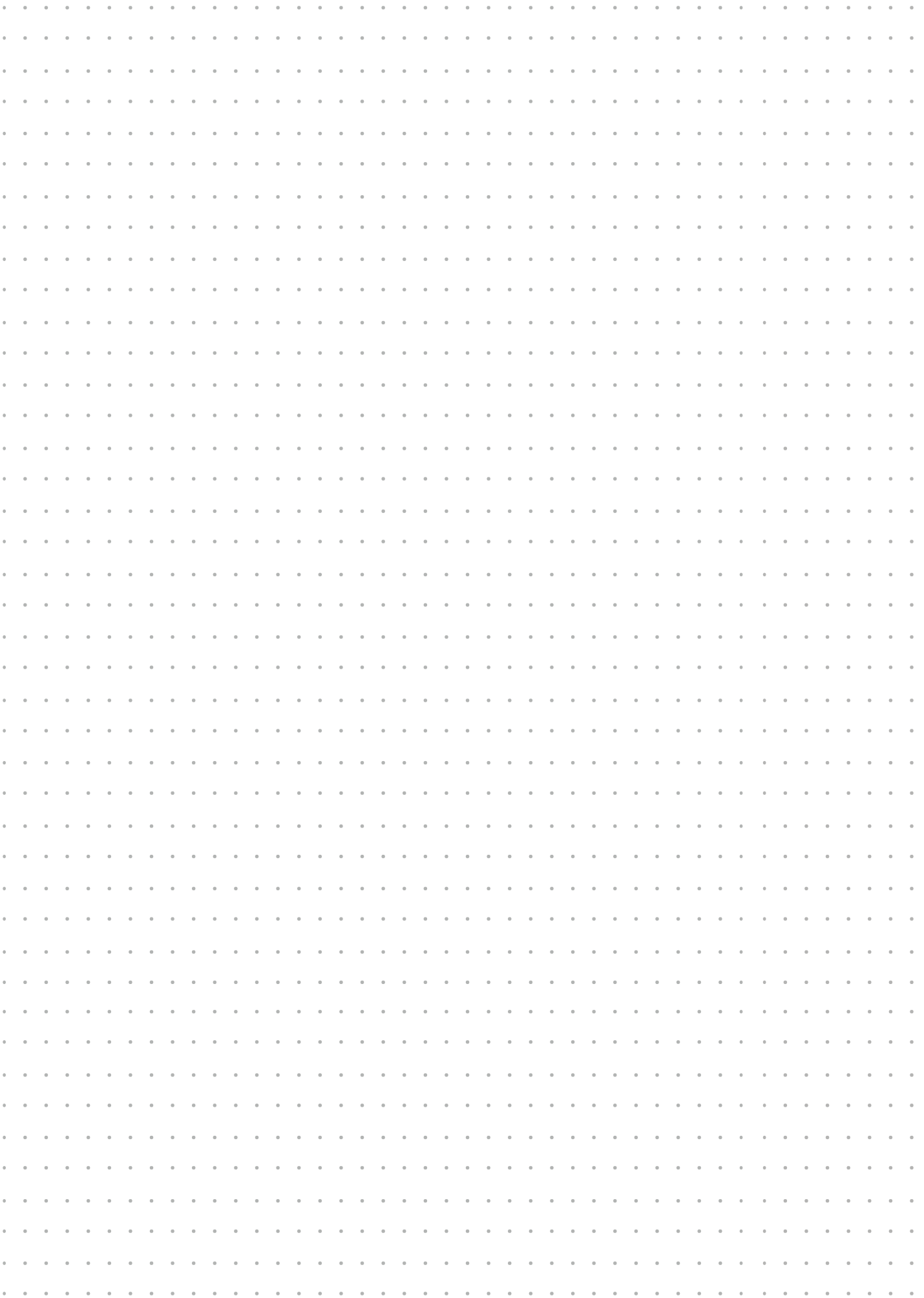
Blast-Proof Door, Window & Façade Systems

Blast-Proof Door, Window and Façade Systems are critical for structures where security must be maintained at the highest level. These systems are designed and manufactured using high-strength materials and advanced engineering techniques to provide maximum protection. They are ideal for both civilian and military structures, embassies, financial institutions, and critical infrastructure. intersecure BomSTOP Blast-Proof Door, Window, and Façade Systems are designed to absorb pressure waves during an explosion, minimizing loss of life and property, and have been tested to meet international security standards.

Applications:

Offices, Public Buildings, Hotels, Airports, Residences, Mixed Use Facilities, Hospitals, Police Stations, Schools and Dormitories, Consulates.





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