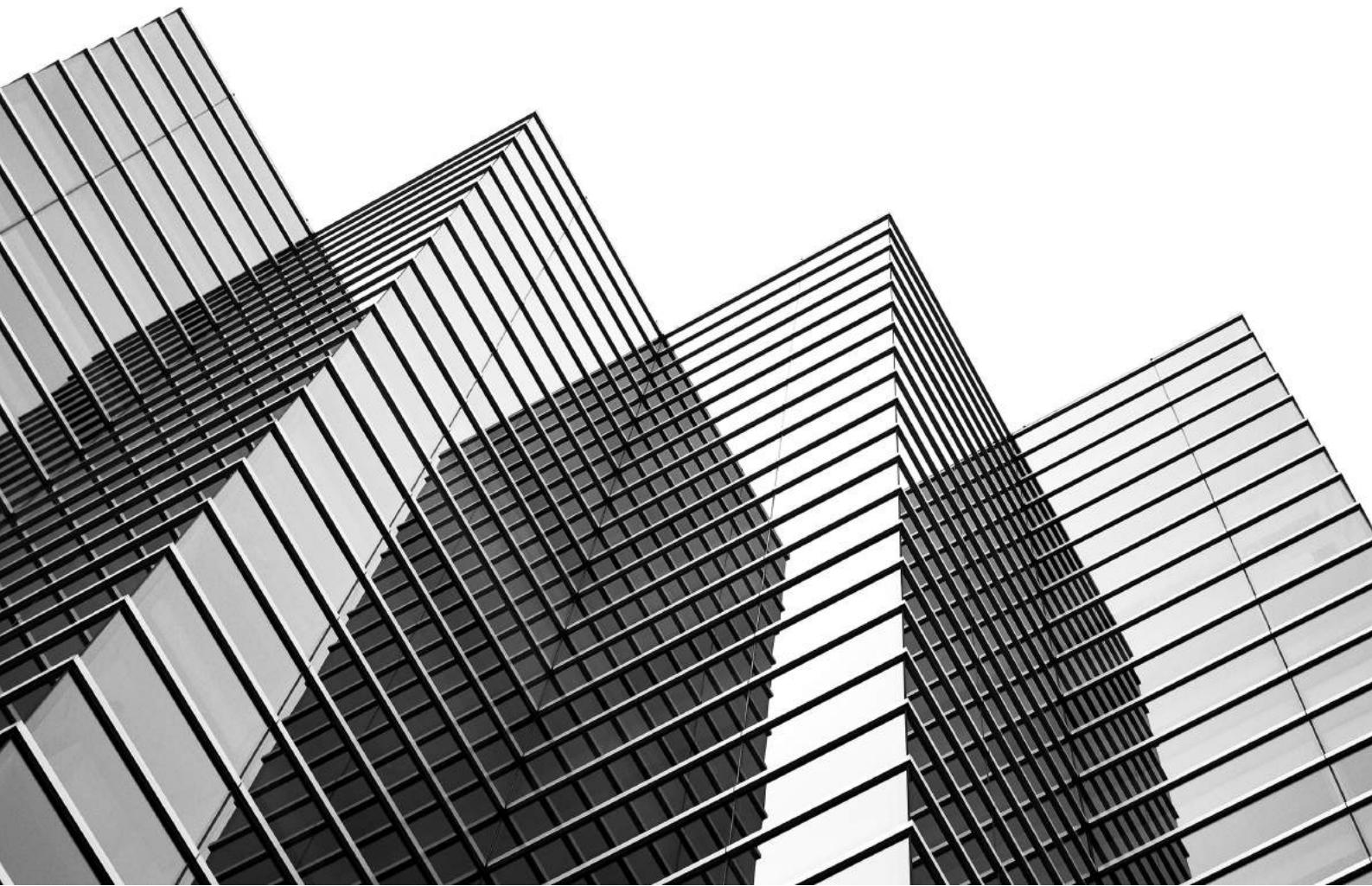




adana**cam**

MAGICAL WORLD OF ARCHITECTURAL GLASS



ABOUT US

A series of thin, yellow, wavy lines that flow from the left side of the page towards the right, creating a sense of movement and modernity.

As Adana Cam, we continue our journey, which started in 1995 in a 400 m² area in İstiklal Neighborhood in Adana, in 2011 in our new factory in a closed area of 7500 m² on Ceyhan Road 3.km. Our company, which initially sells wholesale glass to Adana and its districts, has added the latest technology CNC controlled eight-station flat glass and laminated glass cutting line, CNC controlled drilling, sanding machines, fifth generation full convectional flat and curved temper furnace, roller coater paint line, full automatic insulating glass production line and glass processing machines with new investments and we process the glass needed by the construction, furniture, kitchen, white appliances, shower cabin, glass balcony sectors.

The service it provides with its risk-free, robust materials and strong capital has enabled its customers to move quickly to the assembly stages in the race against time, and Adana Cam has become a pioneering company in Adana.

Our Quality Policy

The service recipient is not only the company customer, but also the end consumer. The practical application of the theoretical requirements that are mandatory in order to concretize this understanding is a sine qua non condition for the future of an enterprise and takes precedence over all kinds of investments and earnings.

As Adana Cam, we have adopted customer satisfaction as a principle, responding to customer requests in the fastest way, constantly renewing the machine park by closely following technological developments, always going forward by making quality production in accordance with the laws and standards.



Our Vision

To be a global organization that is pioneering, creative, insatiable to success, constantly developing and growing, inspiring other competitors in the sector, respected and committed to principles.

- To base our services on cooperation and shared know-how, not on commercial gain.
- To keep open the channels of dialog with its customers and the manufacturer Şişecam in order to be a participatory product provider.
- Maintaining an active personnel infrastructure with social awareness.
- To follow global developments and technological innovations in the sector and sub-sectors, and to continuously restructure production and supply processes according to these developments.
- To apply methods that will ensure that the living standards of the end consumer are increased in all kinds of supply and procurement.



Our Mission

To assume a role in raising the living standards of the people of the region by providing products that are lacking in the sector, carrying out transactions, increasing diversity, providing logistical and informatic support to the sub-sector, enabling practitioners and designers to focus on their own activities, and representing the values of being human while doing so.



Isıcam Systems is an insulating glass unit formed by combining two or more glass plates under factory conditions to accommodate dry air or gases suitable for ambient pressure between them. The Isıcam Systems brand is the assurance that glass and ancillary materials are used in appropriate quality and quantity in the production of insulating glass, and that production is carried out continuously under appropriate conditions and using modern technologies. Isıcam Systems are produced in Adana Cam facilities, which are regularly inspected by Şişecam Flat Glass and is an Authorized Isıcam Glass Manufacturer. Isıcam Systems are under the guarantee of the Insulating Glass Authorized Manufacturer for 10 years against manufacturing defects.

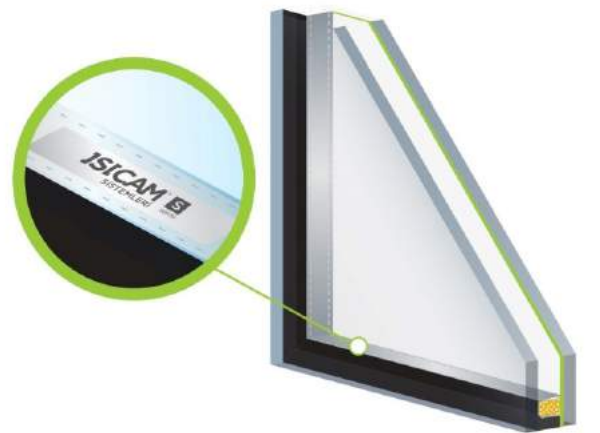
To make sure you buy Isıcam Systems;

- Request the 10-year warranty certificate of the Isıcam Glass Authorized Manufacturer,
- Check the inscription 'Isıcam Glass Systems' on the insulating glass spacer bar and the name of the Isıcam Glass Authorized Manufacturer.
- Check the Insulating Glass Systems label on the glass.
- For Isıcam Glass Systems S Series and Isıcam Glass Systems K Series, look for the Isıcam S/K hologram on the Insulating Glass spacer bar.

Heat and solar control, safety against accidents and theft, noise control and decorative appearance can be achieved by using colored and colorless float glass, frosted glass, coated glass, tempered and laminated glass within the units of Isıcam Systems.

The best thermal insulation with Isıcam Systems units;

- Spacing width of 16 mm,
- Filling the interstitial space with argon gas instead of air,
- One of the glasses is Şişecam Low-E Glass or Şişecam Solar Low-E Glass
- can be provided in the case of



ISICAM® C

SİSTEMLERİ serisi

Isıcam Systems C Series is produced with the production quality assured by Isıcam Systems. It provides insulation and savings by preventing the heat inside from escaping to the outside.

- Why Isıcam Systems?

Isıcam Systems brand, insulating glass production

- Glass and ancillary materials are used in appropriate quality and quantity,
- It is the assurance that production is continuously carried out under appropriate conditions and using modern technologies.

Isıcam Systems are produced in the facilities of Isıcam Authorized Manufacturers (IYU), which are regularly inspected by Şişecam Flat Glass.

Isıcam Systems are under the guarantee of the Isıcam Manufacturer for 10 years against manufacturing defects.

- **Not every double glazing is Isıcam.**



ISICAM® S

SİSTEMLERİ

Isıcam Systems S Series are produced with Şişecam Low-E Glass with high quality heat control coating. It reduces your fuel costs by providing maximum thermal insulation.

Advantages

- Reduces heat losses by 50% compared to ordinary double glazing and reduces fuel costs.
- It does not compromise on light transmittance while allowing you to make maximum use of solar heat.
- It prevents window fronts from being cold in winter and delays fogging compared to ordinary double glazing.
- Compared to ordinary double glazing, the expenditure you will make for Isıcam S will return to you in 1-2 years with the savings you will make on fuel in winter.



GELECEĞİ

TASARRUFLA KURTARIN



Isıcam Sistemleri S Serisi, yüksek nitelikli ısı kontrol kaplamalı Şişecam Low-E Cam'lar ile üretilir. Maksimum ısı yalıtımı sağlayarak yakıt masraflarınızı düşürür.

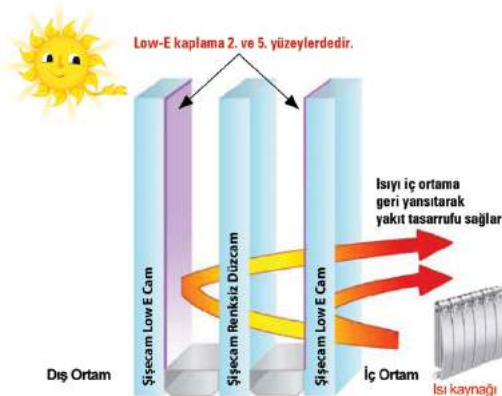
Avantajlar

- Sıradan çift camlara kıyasla ısı kayıplarını % 50 azaltır ve yakıt masraflarını düşürür.
- Güneş ısısından maksimum seviyede yararlanmanızı sağlarken ışık geçirgenliğinden ödün vermez.
- Pencere önlerinin kışın soğuk olmasını önler ve buğulanmayı sıradan çift camlara kıyasla geciktirir.
- Sıradan çift camlara kıyasla Isıcam S için yapacağınız harcama, kışın yakıttan sağlayacağınız tasarruf ile size 1-2 yılda geri döner.



It is a triple Insulating Glass unit developed for maximum thermal insulation, using Şişecam Low-E Glass with high quality heat control coating on two plates.

- It provides 4 times better thermal insulation than ordinary double glazing and 2 times better thermal insulation than Isıcam S.
- Reduces fuel costs.
- While providing maximum benefit from solar heat, daylight Creates bright living spaces by letting 69% of the light in.
- Delays fogging.
- Compared to ordinary double glazing, the expenditure you will make for Insulating Glass S 3+ will return to you in about 2-3 years with savings in fuel costs.



ISICAM® K serisi SİSTEMLERİ

Isıcam Systems K Series is a series produced with Şişecam Solar Low-E Glass with high quality heat and solar control coating.

- Compared to ordinary double glazing, it reduces fuel costs in winter by reducing heat losses by 50% and reduces air conditioning costs in summer by reducing the entry of solar heat by 40% and saves energy.
- While providing heat and solar control, it does not compromise on transparency and natural daylight.
- It prevents window fronts from being cold in winter and hot in summer and delays fogging compared to ordinary double glazing.
- Compared to ordinary double glazing, the expenditure you will make for Insulating Glass K returns in 1-2 years with savings in fuel and air conditioning costs.

The $U=2.4/m$ K value (glass + frame, heat transmission coefficient of windows) recommended for new buildings in TS 825 Thermal Insulation Rules Standard can be achieved with Isıcam S and Isıcam K systems.



ISICAM® K T SİSTEMLERİ

Insulating glass unit with temperable heat and solar control coating

Isıcam K T, Şişecam Flat Glass's temperable heat and solar control coated glass

It is the brand name of the insulating glass unit produced using Şişecam Temperable Solar Low-E Glass.

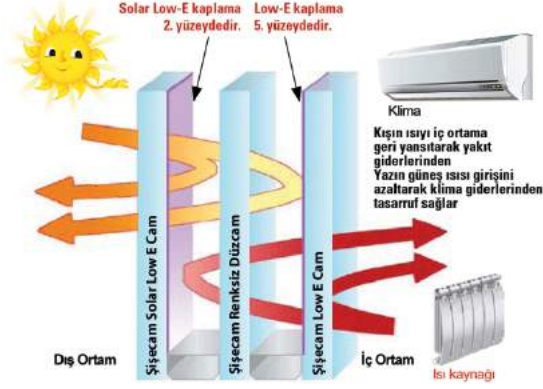
Isıcam K T, thanks to its temperable Solar Low-E coated glass;

- In winter, by keeping the heat inside, it reduces heat losses by 50% compared to standard double glazing and saves fuel costs.
- In summer, it reduces the sun's heat entering by 40% compared to standard double glazing and saves on cooling costs.

It does not compromise transparency and natural daylight. Its low reflective coating gives a transparent view from the outside in and a neutral view from the inside out.

Reduces the phenomenon of cold zones in winter and hot zones in summer in front of windows.





Şişecam Flat Glass's privileged product Isıcam K 3+, developed for effective energy saving, is a double spacer triple Insulating Glass unit with one plate of Solar Low-E coated heat and solar control coated glass (Şişecam Solar Low-E Glass) and one plate of Low-E coated heat control glass (Şişecam Low-E Glass). Isıcam K 3+, Solar Low-E heat and solar control coating in the unit is used on the 2nd surface and Low-E heat control coating is used on the 5th surface.

Isıcam K 3+;

- Provides 4 times better thermal insulation than Standard Double Glazing and approximately 2 times better thermal insulation than Isıcam K.
- Reduces solar heat input by 48% compared to Standard Double Glazing
- Reduces fuel costs in winter and air conditioning costs in summer.
- It recovers the additional expenditure made compared to standard double glazing in about 3 years with savings in fuel costs, and continues to provide gains throughout the remaining life of the building.



ISICAM USAGE MAPİ



ISICAM® S
SİSTEMLERİ



ISICAM® K
SİSTEMLERİ



ISICAM® S / ISICAM® K
SİSTEMLERİ

SOLAR CONTROL GLASSES

Şişecam Colored Float Glass

Şişecam Colored Flat Glass is Şişecam Flat Glass's blended colored glass.

- With different color alternatives, it offers a wide range of options for designers and users to create aesthetic and stylish spaces.
- When used on the exterior, it limits the entry of solar heat into the building, controls the excessive brightness of the sun, offers a comfortable working and living environment.
- It saves on cooling costs by reducing cooling energy consumption in air conditioned environments.
- It is used on windows, parapets, wall fronts, roof skylights and railings in all buildings that require solar control, mainly in non-residential buildings with curtain walls.
- It is also used in decoration as table, coffee table, shelf, door, shower cabin and partition glass.



All solar control glass has thermal breakage risks. For this reason, it is recommended to use Şişecam Colored Float Glass tempered or partially tempered. When laminated, all layers of laminated glass must be tempered or partially tempered against thermal breakage risks.

ŞİŞECAM TENTESOL GLASS



In-line Pyrolytic Coated Reflective Solar Control Glasses

Şişecam Tentesol is the brand name of Şişecam Flat Glass's in-line pyrolytic (hard) coated reflective solar control glass.

- Available in silver, green, smoked, bronze and blue colors.
- With the help of its reflective feature in buildings with curtain walls, it provides image integrity by hiding building elements such as columns, beams, parapet walls, suspended ceilings and installation cavities.
- When used with colorless float glass or heat control coated (Low-E) glasses within the insulating glass unit, it provides both solar control and heat control.
- Due to its reflective feature, it creates a mirror effect when viewed from the side where the light is strong. For example, it provides a one-way view from inside to outside during daylight hours, and on the contrary, from outside to inside at night.
- Tempering, partial tempering and curvature are available.
- All solar control glasses have thermal breakage risks. For this reason, it is recommended to use Şişecam Tentesol series solar control glass tempered or partially tempered.

It is used in all buildings that require solar control and reflectivity, mainly non-residential buildings with curtain walls; windows, parapets, wall fronts; and roof skylights.

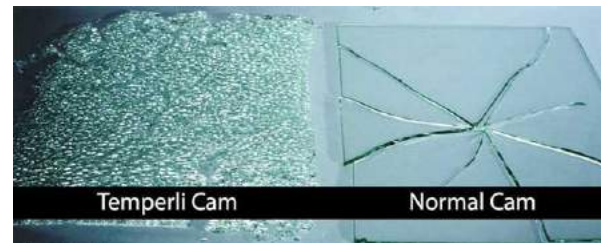
FLAT AND CURVED TEMPERED GLASS



It involves heating and cooling stages on a horizontal line to impart compressive stress to the outer surfaces of the glass and an indirect tensile stress to the center of the glass. It increases the durability and resistance to thermal stresses of the glass. It does not change the volume, chemical structure, color and clarity of the products. Tempered glass is 5 times more resistant to impact than non-heat-treated glass. It is suitable for use as safety glass as it reduces the risk of injury by breaking into small and blunt pieces when broken. Flat and curved tempering process is performed in our factory.

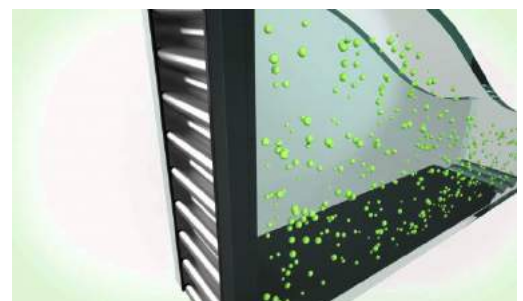
PRODUCT FEATURES

- While normal glass can shatter into sharp particles after breakage and cause injury, tempered glass shatters into small and blunt pieces when broken. Therefore, the risk of injury is minimized.
- It is 4-5 times more durable than original glass.
- It has good thermal resistance and can withstand temperature differences.
- Tempered glass can withstand a thermal shock of 300°C, while untempered glass can break when subjected to a thermal shock of about 40°C.
- It also has increased thermal shock resistance and can withstand temperature changes up to 150 ~ 200°C.
- After the glass becomes tempered glass, cutting, grinding and chip removal operations cannot be performed on it. Heat treatments do not change the volume, color, clarity and chemical structure of the glass.



ARGON GAS ISICAM SYSTEMS

Argon Gas Application It is the heat glass formed by filling Argon Gas into this space instead of dry air in the interstitial space of Insulating Glass units. ARGON (Ar) is a colorless, odorless, inert gas. It is not flammable-explosive. There is no danger. It does not react with any substance. It does not have any toxic effect or harm to the environment. ARGON (Ar); Since it is an inert gas, it does not form compounds with any substance. Due to this feature, it can be safely used in units with Low-e and/or Comfort coating. Since the heat permeability coefficient of argon gas is low, it is difficult for the heat inside to penetrate outside and the cold outside to penetrate inside in winter months. In summer, it is difficult for the heat outside to pass inside. The purpose of argon gas insulating glass is to maximize thermal insulation and reduce building/residential fuel or cooling costs. When argon gas is filled into the cavity instead of air in normal double glazing or insulating glass, it provides 25% additional gain in building thermal insulation. This saves 25% of fuel costs in winter months. It amortizes its own cost in 1-2 years when using argon gas insulating glass. While the K value is 1.3 in normal Low-e glasses, it drops to 1.1 in argon gas applied glass.



SAFETY GLASS

Laminated Safety and Security Glass

Şişecam Laminated Glass is Şişecam Flat Glass's laminated safety and security glass.

- Minimizes the risk of injury in accidents caused by people hitting the glass.
- Provides security against external impacts. Prevents/delays entry in case of attacks and theft attempts with tools such as stones and sticks.
- Contributes to sound insulation.
- It prevents the passage of ultraviolet (UV) rays, which cause fading of the colors of goods and fabrics, by 97-99%.
- It is also used in insulating glass units, providing safety and security as well as thermal insulation.
- Low-E coated laminated glass provides effective heat control.



BULLET RESISTANT GLASS

Counter-attack units are manufactured, tested and calibrated for use in places such as banks, police stations, museums, military buildings, psychiatric wards, jewelry stores, where the safety of life and property is constantly on the agenda. The purpose of these products is to prevent crime, deter criminals and facilitate the capture of criminals after the act. Counter-attack glasses are laminated joints with PVB or Polycarbonate main layers. The glass plates can also be tempered if required.

Seviye	Silah Tipi	Kalibre	Mühimmat	Ağırlık	Hız	Mesafe	Atış
BR1		.22 LR	 LRN	2.6g 40gr	350-370 m/s 1148-1214 ft/s	10	3
BR2		9mmx19	 FSJ/RN/SC	8g 124gr	390-410 m/s 1280-1345 ft/s	5	3
BR3		.357 Magnum	 FSJ/CB/SC	10.2g 158gr	420-440 m/s 1378-1444 ft/s	5	3
BR4		.44 Magnum	 FMJ/SWC/SC	15.6g 240gr	430-450 m/s 1411-1476 ft/s	5	3
BR5		5.56x45 NATO	 FMJ/STC M855/SS109	4g 62gr	940-960 m/s 3084-3150 ft/s	10	3
BR6		7.62x51 NATO	 FSJ/SC M80	9.5g 142gr	820-840 m/s 2690-2756 ft/s	10	3
BR7		7.62x51 AP	 FMJ/STC M61 AP	9.8g 150gr	810-830 m/s 2657-2723 ft/s	10	3

Radiation Resistant Glass

This glass has a high content of lead (Pb) and Barium (Ba) and has the power to absorb radiation. The density of this glass is 2 times that of normal glass (5gr/cc). It should be used in the form of a transparent window in nuclear medicine laboratories and radio therapy centers where X-rays are used in tomography, pet analysis laboratories, angiography, mammography devices where X-rays are used intensively. It is produced by adding high levels of lead (Pb) and Barium (Ba) to the composition of the glass in order to make it impermeable to X-rays. No processing is done. It is ordered in size and mounted together with the appropriate joinery.

Radiation-resistant glasses used in the observation or operation areas of hospitals are constantly used in such centers due to their high quality light transmission properties and durability.



FIRE RESISTANT GLASS

Fire glass is a type of multi-layer laminated transparent glass that retains the heat of the fire and maintains its integrity. It can be in different thicknesses according to the degree of fire protection.

It can be applied almost everywhere from residences to hotels, from business centers to shopping malls and from airports to hospitals, in all kinds of interior and exterior spaces, doors, roofs and all kinds of partitions. It is of great importance especially in exterior applications.



What is Fire Glass & Resistance Classes (E/EW/EI)?

Fire glass is glass that has been fire tested with or without a frame and has successfully prevented the passage of fire and hot gases to the protected side for a defined period of time.

The fact that the fire glass has a certificate alone is not sufficient for it to gain the feature of "fire-resistant joinery" when placed in any (steel, aluminum, etc.) frame. The frame (frame-wing / fixed partition) and accessories are tested together and certified as a system.

All fire glass is permanently stamped with the manufacturer, brand and date of manufacture on the corner of the glass.

Fire glasses have different thicknesses for different fire resistance classes and durations. While the thickness starts from 6 mm for E level 120 minutes fire resistant glass, the thickness can reach 58 mm for EI level 120 minutes fire resistant glass



NOISE CONTROL GLASSES

Şişecam Acoustic Laminated Glass

Şişecam Acoustic Laminated Glass is the noise control glass of Şişecam Flat Glass.

- The noise level outside is reduced to the level of a normal calm environment, improving the quality of life of individuals.
- Contributes to reducing the harmful effects of noise on human health.
- Minimizes the risk of injury in accidents caused by people hitting the glass.
- Provides security against external impacts. Prevents/delays entry in case of attacks and theft attempts with tools such as stones and sticks.
- It prevents the passage of ultraviolet (UV) rays, which cause fading of the colors of goods and fabrics, by 97-99%.
- It is also used in insulating glass units to provide safety, security and noise control as well as thermal insulation.
- Low-E coated acoustic laminated glass provides effective heat control.



PAINTED GLASSES

Glass produced by applying enamel paint in various ral colors on colored or colorless flat glass by screen printing / roller printing method and tempering process.

Enameled glass is glass that is tempered or heat-treated and strengthened and partially or completely coated on one side with mineral pigments.

In addition to its decorative feature, it also provides sunlight control. Enameled glass is used as coating glass on exterior facades and roofs and for cladding purposes.

It can be combined with laminated glass and insulating glass.



Digital Printed Glass

With Temperable Digital Printing technology, all kinds of drawings, photographs, patterns and graphics in the computer environment can be permanently transferred to the glass surface. Unlike other printing methods, the ceramic ink is tempered together with the glass and penetrates into the glass. Unlimited color options and the finest details can be printed on glass with high resolution.

Glass printing technology that combines the functions of tempered glass with the visuality of digital printing; It is non-scratch, non-fading, resistant to UV light and all weather conditions. Printed glass can be used bidirectionally as the same image can be provided on the back surface.



DOUBLE GLAZING JALUZZI SYSTEMS

MAGNETIZED SYSTEM

The blind system, which is placed between two separate glass plates, provides an easier use by eliminating the disadvantages such as contamination, deterioration and maintenance, unlike other blinds. The magnetic blind system is used without a hole in the glass or glass lath, thanks to the magnetic reducer system.



SPINDLE SYSTEM

In the spindle system double glazing blinds, a small hole is drilled to allow the spindle connected to the mechanism to come out of the glass, but in order to prevent moisture and dust ingress, a special felt is used in this hole to protect all the properties of the insulating glass.



BUTTON SYSTEM

Push-button blinds systems, which will allow you to experience the comfort of blinds between double glazing more economically, are designed as a product that can be applied to all kinds of doors, windows and partitions.

Thanks to the button we place on the blinds between the double glazing, you can use it by giving axial movement to the blinds with a touch.



MOTORIZED AND REMOTE CONTROLLED SYSTEM

In case of any malfunction in your blinds, which are manufactured with a different technology than anyone else in controlled and motorized blinds systems, you can change the external mechanism and continue the pleasure and comfort of using blinds without interruption.



ROPE SYSTEM

It allows you to use the blinds between the insulating glass for years without any problems. With its special mechanisms, it provides movement to the blinds in the glass. It can be attached to all kinds of joinery (wood, pvc, aluminum). It moves up, down and axial with only rope.



DOUBLE GLAZING CARRELAGE

The carrelage which can be made in the desired size and shape between double glazing, adds a different aesthetic appearance to the space.

It is used for decorative purposes with various pattern and color options that can be applied with geometric shapes between two glasses. Carrelage double glazing adds a new dimension to building architecture with the aesthetic beauty it adds to the interiors and exteriors of buildings.



SHOWER AND GLASS BALCONY WINDOWS

As Adana Cam, we produce curved and tempered shower and glass balcony glasses in different colors and sizes.



GLASS DOORS

In addition to standard glass door production, Adana Cam produces different (special sizes) sizes and patterns. When requested, logos and similar motifs can be made on glass doors by screen printing and sandblasting method.

PROJECTS



Capital İş Merkezi-Mersin



Noax Hotel-Mersin



Ekinci GlobalDream Offices-Mersin



Adana Acıbadem Hastanesi Ek Binası



Adana Adliye Sarayı



Adana Otel-Adana



Adana ASKİ Kapalı Spor Salonu



Asfa Butik Otel-Adana



Arnica Fabrikası-Tarsus



Erten Otel-Adana



Atatürk Öğrenci Yurdu-İstanbul



Başkent Hastanesi Onkoloji Hastanesi-Adana



DSİ 6.Bölge Müdürlüğü-Adana



Kadirli Belediyesi-Osmaniye



Mercedes Benz-Aksaray



Kriminal Polis Laboratuvarı-Adana



Milli Eğitim Vakfı Koleji-İzmir



Erdemli Adalat Sarayı-Mersin



İmam Hatip Anadolu Lisesi-Adana



Medline Hastanesi Ek Binası-Adana



SGK Kayseri İl Müdürlüğü



Ramada Otel-Adana



Karatepe Park Otel-Kadirli



Çukurova Park Otel-Adana



Prestij Kule-Elbistan



Türkmen Otel-Adana



Sea Tower-Mersin



Yaşam Rezidans-Adana

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