

# grupcam

Add a value to glass

## grupcam

#### WHO WE ARE

Grupcam has been established as a glass processor in 1993. With more than 25 years of experience, and a series of technological improvements, now, it operates in a modern facility in which all types of architectural glass (residential, commercial buildings, windows, façades, etc.) can be processed.

Over 25 years, with a brand name identified with quality and trust in the market, our company supplies a wide range of local and international customers for architectural projects.

Our processes have ISO 9001:2015 Quality Management Certificate and our products have CE marking.



#### WHAT WE PRODUCE

#### Tempered / Heat-Strengthened Glasses

In order to minimize the risks of injury and to make the glass more durable against thermal breakage risks on the façades, tempered / heat- strengthened glasses should be preferred.

Grupcam obtains perfect optic image and minimum ondulation on tempered glass thanks to its convectional tempering technology.

#### Reflective Solar Control Glasses

These solar control glasses with reflection characteristic, prevent solar heat transition into buildings, controls the luminosity of sunlight, keeps inside cooler and reduces energy consumption while creating a mirror effect to the façade from the brighter direction of light.

## Façades

WHAT WE PRODUCE

According to the specific needs of your project, Grupcam will guide you to find the right combination of glass. For over a quarter-century, we add value to our products with our experience and know-how in glass and all-related processes as well as the service we give to our customers.

#### **Temperable Solar Control Glasses**

For the facades, special temperable solar control low-e coated glasses are processed and used in Insulating Glass Units (IGUs). We have accreditation to process Guardian and sisecam branded glasses. According to the light transmittancy and solar control specifications of your project, Grupcam will help you to find the right combination of glass.

#### **Tinted Glasses**

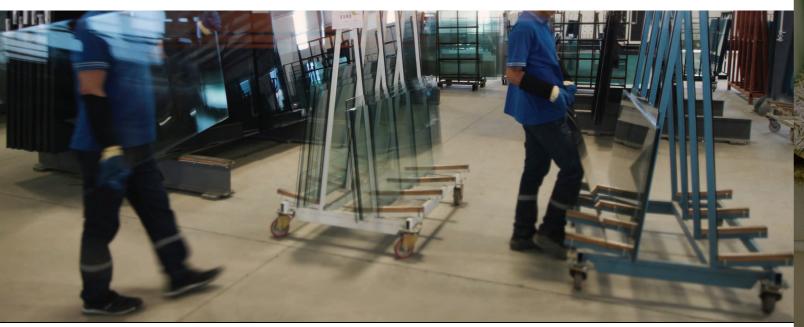
Tinted glass applications offer solutions to non-residential buildings with curtain walls, windows, spandrels, facade claddings, overhead glazing and balustrades. Also, alternative choices for interior applications such as tabletops, shelves, doors, shower cabins and partitions.



#### WHAT WE PRODUCE

#### **Laminated and Noise Control Laminated Glasses**

As well as the main purposes of safety and security, laminated glasses have various other functions such as Ultraviolet (UV) Control, Sound Insulation, solar control and/or thermal insulation with coated laminated glasses, etc.



## Housing

#### WHAT WE PRODUCE

According to the specific needs of each residence, Grupcam will produce the right Insulating Glass Unit (IGU) with an over-qualified production process. Either you are a window producer or a homeowner, we will determine your special needs and guide you to have the right combination of glass. Thanks to our know-how gained over years in glass processing, we add a value to the product we sell with quality of customer experience.

#### Heat & Solar Control Insulating Glass Units (IGU)

Heat & Solar Control IGUs are made of high-quality solar control low-e glass. By providing maximum thermal insulation and solar control, it reduces your heating costs in winter and cooling costs in summer.

Compared to ordinary double-glazing units, heat and/or solar control IGUs reduce thermal losses by 50% and reduces solar heat gains by 40%.

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#### **Customize Your IGU**

#### Safety

IGU manufactured by using laminated glass offers safety and security features by preventing injuries that may be caused by the fragmentation of glass after breaking. For the safety of people and especially children, you must consider adding safety feature to your IGU.

#### **Noise Control**

IGU manufactured by using sound insulation laminated glass, also provides noise control in addition to thermal insulation, thus reducing the transfer of sound while also offering the safety and security features of laminated glass.

#### Tempered

It is manufactured by using the safety-providing temperable low-e glass. When it is broken, it fragments into small and blunt pieces thus reduces the risk of injury.

#### Triple IGU's

It is the triple IGU which provides maximum insulation. It offers 4 times better thermal insulation compared to ordinary double glazing.

#### Colored

IGU manufactured by using tinted glass that provides solar control, both offers thermal insulation and limits solar heat gain in buildings, as well as controls extreme solar brightness, and reduces cooling energy consumption in air-conditioned environments.

#### Reflective

IGU manufactured by using reflective glass that provides solar control, both ensures thermal insulation and limits solar heat gain in buildings, as well as controls extreme solar brightness and reduces cooling energy consumption in air-conditioned environments. It creates a mirror effect when it is viewed from the side where the light is bright, due to its reflective features.

#### **Our Capabilities**

Cutting

Drilling

Edge Polishing

Tempering

IGU Process

**Painting** 

#### **Venetian Blinds**

Position of the venetian blinds between IGUs prevents any physical intervention. It also ensures that blinds are not dusted, contaminated and affected by weather conditions. Thus, it does not require any maintenance and cleaning. Argon gas is filled in between the IGU in all our products with venetian blinds, which ensures smooth operation of the system.

#### **Georgian Bars**

Georgian bars can be applied into IGU systems in order to give a decorative and elegant look to your windows. Any color of Georgian bars compatible with the color of your window can be applied into IGUs.



#### Lokasyon Beysukent, Ankara



Lokasyon Beysukent is one of the biggest residence projects in its neighborhood consisting of total 55.000 sqm construction area. For the project, Grupcam will supply 8.500 sqm of 8 mm Sisecam Temperable Solar Control Low-e Neutral 62/44.

Completion: 2020

#### Relax Yaşamkent Residences, Ankara



The residence project in one of the most popular towns in Ankara consists of total 423 apartments in 3 buildings in addition to a shopping center. The double glazed glass combination used for the project is 6 mm tempered tinted green glass + 6 mm low-e coated glass. For the project, 10.000 sqm of double glazed units are being supplied.

Completion: 2019

#### Sukent Beytepe Residences, Ankara



The project consisting of 6 buildings with a total of 770 apartments. In the project with a total of 36.000 sqm insulating glass, Sisecam Temperable Solar Low-e Neutral 62/44 is being used.

Completion: 2020

#### Open Sky Residences, Ankara



Open Sky is located in Baglica Ankara with its four elegant buildings consisting of 373 total modern apartments in addition to social areas. Grupcam supplied the whole project with Sisecam Tentesol Gray reflective tempered glass.

**Completion:** 2017-2018



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