

## MIRASTAR®

*The Mirror-effect glass*



# MIRASTAR®

## Discover the mirror-effect glass

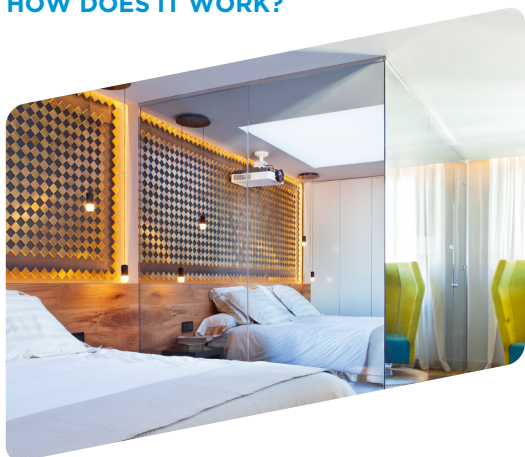
An essential element of decoration and interior design, mirrors illuminate and enlarge spaces to create warmer moods. MIRASTAR® is a coated glass characterised by high reflection levels, creating mirror effects. This characteristic is achieved by magnetron deposition of a multilayer thin coating on a transparent float glass, PLANICLEAR®.

### MIRASTAR®: the amazing play of light and mirror

MIRASTAR® presents an incredible design effect: its aspect can swing from highly reflective to transparent, depending on lighting conditions. This double functionality enables the creation of unique looks: MIRASTAR® can act like a mirror, or transmit light like a transparent glazing.

This feature is also a great trick to conceal or reveal a room at will, this is why MIRASTAR® is sometimes used as spy mirror.

#### HOW DOES IT WORK?



▲ Light more intense in the bedroom and almost non-existent in the bathroom



▲ Light more intense in the bathroom than in the bedroom - Espacio GIRA, Guillermo Escobedo - CASA DECOR 2016

#### OTHER APPLICATIONS



▲ Cupboard doors



▲ Partition

# MIRASTAR®

## Versatile mirror-effect glass

### BENEFITS

#### Mirror effect

MIRASTAR® is a highly reflective glazing, delivering a unique mirror-like effect.

#### Durability and high humidity resistance

MIRASTAR® is resistant to corrosion and benefits from excellent durability, it can be installed in any interior room including high-humidity areas.

#### Flexibility of processing and installation

MIRASTAR® is designed to withstand all kinds of processes. It can be tempered to obtain safety properties required for some applications, as well as cut and edged. MIRASTAR® can also be laminated.

MIRASTAR® is available in PLF dimensions 6,000 x 3,210mm. It is easy to install, in large sizes and with no frame.

### APPLICATIONS

#### Unframed mirror

Being temperable, MIRASTAR® can be installed as mirrored doors and partitions, fully glazed and unframed. Its processing flexibility means every safety option required in those applications is easily obtained, including for transportation applications (such as trains and coaches).

#### Kitchens & bathrooms

With high resistance to humidity, MIRASTAR® is ideal for mirror applications in kitchens and bathrooms. It withstands corrosion and to usual cleaning products. It can also be installed in areas with very high humidity conditions, such as boats.

#### Play of light

Depending on lighting conditions, MIRASTAR® can act like a mirror or like a transparent glass. This double-functionality comes as a great feature to enhance interior designs, offering elegant visual effects.

#### Clear view with privacy

MIRASTAR® offers the possibility of creating one-directional panels under adapted light conditions. This configuration grants visibility through the glass on one side only. On the other glass side, light is reflected like an opaque mirror, thus ensuring privacy.

#### Spy mirror

MIRASTAR® can be used as a one-way mirror, allowing to see through the glass without being seen.

#### Shower screens with adapted lighting

With its one-directional mirror aesthetics, resistant coating, and the possibility of tempering, MIRASTAR® is an innovative product that reinvents shower screens. It is fast becoming a must-have to create full-height "mirror" in the bathroom, which increases space and provides privacy.

#### Doors, partitions, space dividers

MIRASTAR® represents an innovative option to divide interior spaces while maintaining vision. Playing with light, MIRASTAR® swings between reflection and transparency and offers outstanding looks in any interior setting.

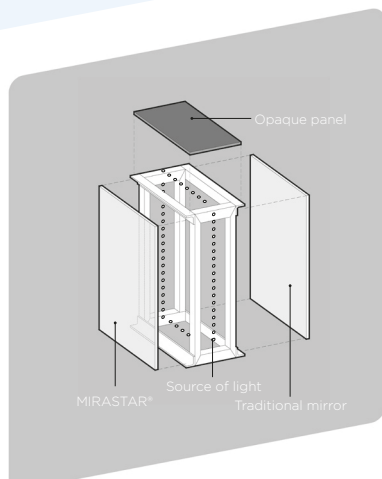
#### Furniture with light effect

The high reflective qualities of MIRASTAR® allow its use as a traditional mirror with, on top of that, the possibility to play with light. If a light source is placed inside the cupboard or piece of furniture, amazing effects can be achieved. This functionality also applies to home appliances and oven doors.

#### ◀ Infinity Mirror

To achieve the latest trends in interior design, MIRASTAR® offers the perfect solution to create infinity mirrors, for amazing and unique effects. It plays with two aspects: the mirror and the depth made possible by infinite reflection of the light.

**MIRASTAR® is not intended to be used for external vision glazing such as windows, in façade or entrance doors. However, it can be used in exterior for decorative effects in spandrels, balustrades, etc.**



## RANGE

	MIRASTAR®
Thicknesses (mm)	4, 5, 6, 8 and 10
Length (mm)	6,000
Width (mm)	3,210

*For other dimensions, please contact us.*

## PERFORMANCE

This product complies with the requirements of class A of European standard EN1096-1 "Coated glass":

- Abrasion resistance test
- Acid resistance test
- Condensation resistance test
- Neutral salt spray test



Light characteristics along EN 410*	MIRASTAR®
Light transmission	3%
Light reflection - Glass side	55%
Light reflection - Coated side	59%

*\*Optical characteristics may be slightly modified after tempering process.*

## PROCESSING

MIRASTAR® is designed to withstand many transformation processes (tempering, drilling...). MIRASTAR® shall not be assembled in IGU and TGU for vision areas such as windows, in façade and entrance doors.

For more information, please consult the document "Processing guidelines" available at [www.saint-gobain-building-glass.com](http://www.saint-gobain-building-glass.com)

## INSTALLATION

In shower screen, the MIRASTAR® coating side must be positioned outside of the shower, not in contact with water.

*In all cases, the installation must comply with current safety standards and regulations.*



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