

MIRASTAR® RANGE

The Mirror-effect glass range



MIRASTAR® RANGE

Discover the mirror-effect glass

An essential element of decoration and interior design, mirrors illuminate and enlarge spaces to create warmer moods. The MIRASTAR® range is a coated glass characterised by high reflection levels, creating mirror effects. This characteristic is achieved by magnetron deposition of a metal oxide 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.



▲ Light more intense in the bedroom and almost nonexistent in the bathroom



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

MIRASTAR® REFLECT: the unmatched mirror effect

MIRASTAR® REFLECT is the most opaque glass of the range, characterised by a strong mirror effect and ultra-low transparency.

MIRASTAR® REFLECT is easy to install on opaque surfaces: glue marks are not visible, thus no lacquering treatment is needed. It is the best choice for kitchen splashbacks and furniture.



▲ Cupboard doors



▲ Kitchen splashbacks

MIRASTAR® RANGE

One range, two outstanding products

Benefits

Mirror effect

MIRASTAR® & MIRASTAR® REFLECT are highly reflective glazings, delivering unique mirror-like effects.

Durability and high humidity resistance

MIRASTAR® & MIRASTAR® REFLECT are resistant to corrosion and benefit from excellent durability, they can be installed in any interior room including high-humidity areas.

Flexibility of processing and installation

MIRASTAR® products are designed to withstand all kinds of processings. They can be tempered to obtain safety properties required for some applications, as well as cut and edged. MIRASTAR® can also be laminated.

MIRASTAR® & MIRASTAR® REFLECT are available in PLF dimensions 6,000 x 3,210mm. They are easy to install, in large sizes and with no frame.

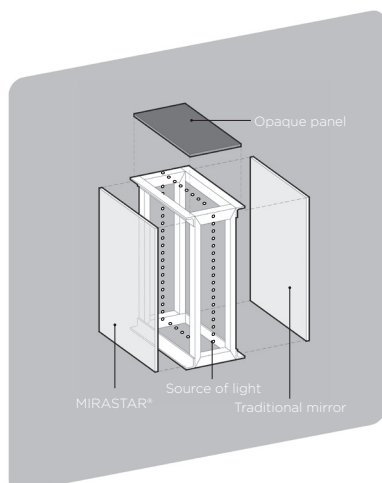
Applications

Unframed mirror

Being temperable, MIRASTAR® products can be installed as mirrored doors and partitions, fully glazed and unframed. Their 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, the MIRASTAR® products are ideal for mirror applications in kitchens and bathrooms. Both products withstand corrosion and reactions to cleaning products. They can also be installed in areas with very high humidity conditions, such as boats.



MIRASTAR®

Versatile mirror-effect glass

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.

Facades

MIRASTAR® is suitable for installation in facades and windows, when a high level of reflection is needed.

MIRASTAR® REFLECT

High opacity mirror-effect glass

Ultimate privacy

Thanks to its high reflective qualities and ultra-low transparency, MIRASTAR® REFLECT acts like a real mirror: a great partner to create the feeling of space. It also provides a high degree of privacy for doors and partition applications.

Hiding power

MIRASTAR® REFLECT can be used as a standard mirror. As it is almost opaque, glues and tapes cannot be seen through, which avoids the need for opacifying coating for kitchen splashbacks especially.

Splashbacks & wall covering

When installed on the wall, MIRASTAR® REFLECT enables to maintain a visual connection with the whole room and enhances the feeling of space. Special attention must be paid to splashbacks near hot areas such as hobs, where they need to be tempered.

Mirrors for furniture, lift, cupboard doors

MIRASTAR® REFLECT is the best choice for mirrored applications such as furniture or lifts. Its strong hiding power contributes to an easy installation, removing the need for an opaque lacquering treatment.

Decorative mirror

Installed as a decorative mirror to illuminate and enlarge spaces, MIRASTAR® REFLECT can be a design piece in itself. It is the best choice in rooms with a high level of humidity such as bathrooms or interior fittings for boats.

Doors, partitions, space dividers

MIRASTAR® REFLECT is characterized by a high degree of opacity, and can be used as space-divider. With its two-sided mirror effect, MIRASTAR® REFLECT will ensure high privacy from both sides of the glass, ideal for bathroom partitions. This application is nevertheless restricted to appropriate light conditions (for more information, please contact us).

Spandrels

MIRASTAR® REFLECT is perfect to be installed as spandrel areas in facades, for unmatched building designs.

Range

MIRASTAR® & MIRASTAR® REFLECT	
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
- Condensation resistance test
- Acid resistance test
- Neutral salt spray test



Light characteristics along EN 410*	MIRASTAR®	MIRASTAR® REFLECT
Light transmission	3%	0.1%
Light reflection - Glass side	55%	55%
Light reflection - Coated side	59%	52%

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

Processing

MIRASTAR® range is designed to withstand many transformation processes. MIRASTAR® REFLECT cannot be processed in IGU for windows.

For more information, please consult the document "Processing guidelines" available at www.saint-gobain-building-glass.com

Installation

MIRASTAR® REFLECT can be applied on opaque surfaces as any other glass of the same dimensions and thickness. For an easy cleaning, it is recommended to place the coating against the wall.

In interior, MIRASTAR® REFLECT must be installed with neutral glues & tapes for mirrors. For more information please contact us.

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



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