

# MIRALITE® EASYSAFE



## Description

The new addition to Saint-Gobain Glass range, MIRALITE® EASYSAFE is a real game-changer shatterproof mirror that retains **98%** of glass splinters in case of breakage. This provides peace of mind for building occupants, and improves the safety of workers who process and install this anti-shatter mirror.

This anti-shatter mirror is much easier to process compared to standard safety-backed filmed mirrors. In addition, it guarantees a stunning finish with no risk of frayed edges.

The more sustainable shatterproof mirror MIRALITE® EASYSAFE fully fulfils Saint-Gobain Glass core values. Manufactured without plastic, it generates less waste and is fully recyclable. Its water-based and lead-free components ensure better indoor air quality through very low VOC emissions.

## APPLICATIONS

Highly versatile, MIRALITE® EASYSAFE can be used in a large range of interior spaces, especially where safety is a key priority:

- Home applications: decorative mirrors, cupboard doors, wardrobe doors, sliding doors, bathrooms and children's rooms
- Professional settings: offices, hotels, restaurants, shops
- High-traffic areas: sports halls, leisure centres

MIRALITE® EASYSAFE shatterproof mirror can be customised as decorative pieces, framed or unframed, or used to line a wall and cover furniture.

## RANGE

### Thicknesses:

4 mm & 6mm (more to come in 2024)

### Dimensions (in mm):

- 2 250 x 3 210 and 2 550 x 3 210

- 4 500 x 3 210 and 5 100 x 3 210

- 6 000 x 3 210

## BENEFITS

- Premium shatterproof mirror: 98% of glass shards retained in case of a mishap, passes the test EN 12 600
- Superior quality, exceeding EU standards for mirrors
- Great visual finish: No frayed edges thanks to the innovative mirror safety backing
- Easier to process: No application of plastic safety film required, easy cutting and edging
- Easier to install: No primer required and compatible with several glues and tapes
- More sustainable and contributes to improved indoor air quality

MIRALITE® EASYSAFE combines the purity and high sustainability credentials of MIRALITE® PURE with enhanced safety.

## PROCESSING

MIRALITE® EASYSAFE is suitable for cutting into any shape, and can be edged and drilled like any standard mirror with some simple adjustments. **Please refer to the Processing guidelines below.**

*Tempering, lamination processes and sandblasting with traditional equipment are not possible.*

## INSTALLATION & MAINTENANCE

MIRALITE® EASYSAFE must be installed in indoor locations and follow the standards and regulations in force.

In all cases, MIRALITE® EASYSAFE must always have the anti-shatter face orientated towards a smooth support wall or panel.

## Fixing?

- Mirror Glues and double-sided tapes recommended by Saint-Gobain Glass
- Mounting brackets
- Frame installation

Regardless of how the MIRALITE® EASYSAFE shatterproof mirror is attached, ensure the following:

- Provide a 1-2 mm space between the mirrors depending on the final use
- Account for fixing the mirror according to appropriate rules when used in damp or humid rooms
- Avoid exposing the product to temperatures above 50 degrees Celsius, which might lead to glass breakage or slight degradation over time.

## List of recommended glues & tapes

### Silicone glues

Brand	Reference
Dow Corning	Mirror glue Dow sil 817
Otto-Chemie	Otto-Chemie Ottocol S16
Kawo	Kawo SK86
DL Chemicals	DL Chemicals Paracol Miroseal MS
Lakma	Lakma Do Luster

### Double-sided adhesive tapes

Brand	Reference
3M	3M 4032
3M	3M 4026
3M	3M 4910F VHB
Bohle	Bohle Xtracryl
Lohmann	Lohmann DuploCOLL 918
TESA	TESA Powerbond

### Maintenance

It is recommended to clean MIRALITE® EASYSAFE as soon as it is installed. Harsh cleaning products must not be used (acid solutions, highly alkaline or very abrasive materials). Ensure there is no cleaning

product residue left around the edges of the mirror.

## PERFORMANCE

MIRALITE® EASYSAFE exceeds the requirements of the European Standards for mirrors, compulsory for the CE marking according to EN 1036-1. Its performance level is constantly monitored.

Standard Reference	Description	Notified body	Result	Reference
EN 1036 Mirror quality standard	Silvered mirror quality standard, compulsory for CE marking	INISMA, Belgium	PASS	4 mm
EN 12600 Safety test	Resistance to impact (Pendulum test)	TUV, Netherlands	PASS 3B3	4 mm
EN 12600 Safety test	Resistance to impact (Pendulum test)	TUV, Netherlands	PASS 2B2	6 mm
Anti-shatter test	In case of breakage, retention of >98% of glass shatters	TUV, Netherlands	PASS	4 mm
EN 14072 Glass in furniture	Test method for vertical glass	FCBA	PASS	
EN 13501-1 Reaction to fire	Classification using data from reaction to fire tests	WFRGENT, Belgium	PASS A2	4 mm
EN ISO 16000 VOC emissions	Total VOC emissions after 28 days	Eurofins	PASS A+ (France) VOC emissions: <10µg/m <sup>3</sup>	4 mm
EN ISO 16000 VOC emissions	Total formaldehydes after 28 days	Eurofins	PASS A+ (France) Formaldehydes: <10µg/m <sup>3</sup>	4 mm

## DOCUMENTATION

- [MIRALITE® EASYSAFE-BROCHURE EN Wed, 02/21/2024 - 13:00](#)
- [Processing Guidelines Wed, 11/08/2023 - 13:00](#)
- [Installation Guidelines Tue, 02/21/2023 - 13:00](#)