

MIRALITE® EASYSAFE

Transport, Installation and Maintenance Guidelines

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1. TRANSPORT AND STORAGE

1.1. Packing

The equipment and gear used to handle packs must be tailored to the size of the product. Care must be taken to not damage the pack.

Good practice to transport MIRALITE® in general is to regroup all same sizes together. In case where different sizes will be stacked in same position, special care is important to avoid damages (scratches, breakages). Use of separators is possible, and the recommendation is to use sulfur-free cork pads. Adhesive of cork pads is to be applied on paint side of the mirror.

To avoid any damage during transport of MIRALITE®, avoid any contact between paint side and any standard transport material.

1.2. Damage

The client's site receiving MIRALITE® EASYSAFE goods must communicate any necessary claims to the carrier prior to accepting the shipped goods, and must confirm said claims by registered post within three days, per article L133.3 of the Commercial Code.

Every pack must be opened with care in order not to damage the glass sheets (contacts, scratches, etc.). Handling instructions must be respected, especially the instructions for opening.

All deliveries are identified with a label that should be recorded for traceability reason. This tracking number is the batch number to give for any questioning.

1.3. Storage

Before use, MIRALITE® EASYSAFE must be stored under specific conditions:

- In a dry, well ventilated store, to prevent any condensation on the surface;
- Protected from rain and running water (e.g. any roof leaks must be rectified);
- Never outside or in the open air;
- Protected from wide changes in temperature and humidity to avoid condensation.
- Mirror package should not exceed 300mm, as it provides proper air circulation.
- Mirrors should never be placed with the varnish side facing each other's.
- Never close to heat sources, corrosive materials or vapour sources (chemicals substances, solvents, fuels, acids...).

2. PROCESSING (CUTTING...)

MIRALITE® EASYSAFE good practices for cutting, edgeworking, drilling and sandblasting are available [in technical processing guideline](#). Please contact your local technical support manager (TSM) in case of need of support or questions.

The main processing differences with standard mirror are at cutting and edge working steps. Preliminarily test or exchanges are recommended to validate good quality results. Don't hesitate to contact us for further advice.

3. LAYING AND INSTALLATION

3.1. Support preparation

Regardless of the method used to secure the MIRALITE® EASYSAFE piece, it is imperative that the anti-shatter face be orientated towards a smooth support wall that is clean, dry, and free from any damaging substances.

It is also important to:

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

3.2. Glass installation

MIRALITE® EASYSAFE is to be installed exclusively in indoor locations and in compliance with all applicable safety standards and regulations. Installation is quick and easy, using mechanical mounting methods (inset or mounting brackets) or bonded, using neutral cure silicones and/or double-sided adhesive.

Carry out prior testing if the adhesive's compatibility is in doubt.

To obtain a safe installation, we recommend using one of the gluing solutions listed in appendix 1.

For optimum hold, we recommend combining double sided tape and silicone. An installation video is available at the following link: <https://www.youtube.com/watch?v=ps4T9qrdiEM>

3.3. Cleaning at installation

Alkaline products may be emitted from concrete, plaster, mortar... Such materials or materials containing fluorine and acids will lead to a staining or matting of the surface. To prevent such an occurrence, all such substances must be removed from the glass immediately. It is recommended that the glazing is cleaned as soon as it is installed.

Grease, oil and materials used for facilitating the installation must be removed. **The materials recommended for cleaning is isopropyl alcohol.** Cleaning of the glass side with solvents must be followed by standard washing with water and rinsing.

The sticker labels on the glass sheets must be removed before or after installation. Do not use a sharp tool for this purpose. Acetone and alcohol are the approved solvents.

4. MAINTENANCE AND RECYCLING

A mild soap or neutral detergent can be used for cleaning, and subsequently and rinsing with clear water. Excess water must be removed quickly.

Washing tools and towels must be free of abrasive particles. Never use abrasive cleaning products, or compounds likely to generate fluorine salts or hydrofluoric acid. Use of soft cloth is always recommended.

MIRALITE® EASYSAFE must be recycled in same way as standard mirror.

5. DISCLAIMER

SAINT-GOBAIN GLASS has taken every reasonable measure to ensure that the information contained in the present leaflet was exact at the time of its publication.

However, SAINT-GOBAIN GLASS keeps the right to modify or add any information without previous notice. SAINT-GOBAIN GLASS is not liable for the possible lack of information on MIRALITE® products that would not be contained in the present document.

APPENDIX 1: RECOMMENDED GLUING SOLUTION

Here is list of recommended gluing solution with MIRALITE® EASYSAFE:

Supplier	Tape /Glue	Brand and reference
Dow Corning	Silicone	Dow Corning Dowsil 817 High Modulus Adhesive
DL Chemicals	Silicone	DL Chemicals Paracol Miroseal MS
Kawo	Silicone	Kawo S86
Otto-Chemie	Silicone	Otto-Chemie Ottocoll S16
Lakma	Silicone	Lakma Do Luster
3M	Tape	3M - 4026
3M	Tape	3M - 4032
3M	Tape	3M - 4910 F VHB
Lohmann	Tape	Lohmann DuploCOLL 918
Bohle	Tape	Bohle Xtracryl
Tesa	Tape	TESA Powerbond

NOTE: SAINT-GOBAIN GLASS is not a manufacturer of adhesives or glues. The company cannot guarantee the neutral properties of adhesives or glues used by the customer.

The list of brands and products cited in no way renders SAINT-GOBAIN GLASS liable, and its use shall be at the customer's sole responsibility. It is important to take note of the adhesive or glue manufacturer's recommendations, and to carry out preliminary tests if there is any doubt as to suitability. Those same recommendations should also be consulted to ensure the application of the amount required to properly hold the weight installed.

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