

SGG MIRALITE EVOLUTION

Glass Mirror - SGG MIRALITE EVOLUTION



BASIC INFORMATION

The advanced manufacturing process used also improves the optical quality of the mirror and significantly increases longevity of glass through better resistance to corrosion.

DESCRIPTION

A new generation mirror produced by using an environmentally friendly process; SGG MIRALITE EVOLUTION is a clear or tinted silvered glass of exceptionally high quality and durability.

The mirror is created by depositing a layer of silver onto the glass, which is then treated, proceeded by one or more layers of highly resistant protective paint.

The innovative manufacturing process is more environmentally friendly and improves the overall durability and optical quality of the product.

RANGE

SGG MIRALITE EVOLUTION is available in Four colours:

Clear
Bronze
Grey
Green

It is available in 2mm,2.5mm,3mm,4mm,5mm,6mm and 8mm.

PROCESSING CAPABILITIES

SGG MIRALITE EVOLUTION is suitable for cutting into regular and more unusual shapes also:

It can be drilled and edgeworked (bevel, arris etc.), like traditional mirrors

The front face of the mirror can also be customised by means of sandblasting or engraving to create patterns, logos etc

PRODUCT APPLICATION

The unique feature of this product as a safety glazing material makes it ideal for applications:

In shopping centers and retails stores
In bars, restaurants, clubs, theatres and cinemas
In public buildings, offices, clinics and hospitals
In leisure centers and dance studios

SGG Miralite Evolution can also be used:

as framed or unframed mirrors
for panelling on walls, doors or pillar cladding
as partitions
in furniture (tables, cupboard doors, shelves)
for signage

ADVANTAGE

SGG Miralite Evolution is manufactured with a revolutionary new technology that replaces copper with a multi-level treatment process which not only leads to improvement in the quality of mirror but also goes a long way in protecting our environment. Saint Gobain also uses imported lead-free paints in the making of its mirrors.

SGG Miralite Evolution originate from the best base glass. Stringent quality control and selection of the purest raw materials ensures that Saint Gobain Mirrors have the lowest iron content thus making its mirrors the clearest.

SGG Miralite Evolution has a superior seven- stage manufacturing which replaces copper and improves the durability of the coating.

The mirror is coated with multiple, consistent coats of environment friendly, lead- free paint, protecting the edges from corrosion.

SGG Miralite Evolution Safe, in case of breakage the safety backing helps protect and strengthen the mirror and to hold the fragments firmly together.

SGG Miralite Evolution is compatible with more silicones and adhesives than traditional mirrors. The durability of the coating makes the glass easier to cut and process.

GUIDELINE

Interior Glazing

The mirrors should be mounted on a perfectly flat, clean and dry surface free from acids and aggressive substances.

The mounting surface can be wall or plywood

Never stick the mirrors on an unstable support (painted paper, paint or old plaster)

Do not install mirrors directly on the mirror support. Provide sufficient space between the mirror support and the mirror so as to ensure a good ventilation:

a space of 5mm for a mirror less than 1m height

a space of 10mm for a mirror greater than 1m height

For fixing of sheets at several levels one above the other, provide a space of 10 mm at the top and at the bottom for circulation of air

During the fixing of several mirrors side by side, leave a minimum interleaving space (1 to 2mm)

In case of fixing of the mirror in a profile (frame), take care to see that the frame is perfectly clean and dry. Place the mirror supported on the hard non metallic/ plastic wedges of at least 3mm, to raise the mirror and thus avoid contact with the condensed water which could accumulate in the profile

If the mirror is screwed on, use screws of a suitable dimension, with the interleaving and washers made of plastic to avoid any direct glass- metal contact. Fix the mirror by compression without restricting it (for example, by providing supporting washers between the wall and the mirror). To minimise the risk of breakage, cracks & splinters, when screw-mounting the glass, synthetic protective collars must be used

If an adhesive is used to mount mirrors, it is recommended to use Glassmate Ultrafix silicones or Glassmate Mirror mounting tapes. All national and local regulation need to be complied with during installation and care should be taken to ensure that the adhesive used is compatible with the protective coatings on the mirror. Use only neutral binding agents (Alkoxy silicone) and avoid the use of Acid silicones, such as Acetoxy silicones (which contain acetic acid) or water/ rubber/ polyurethane- based glues like fevicol or Araldite. It is recommended to follow the instructions for installation specified by the manufacturer of the adhesive.

In case of doubt about the neutrality of the binding agent, it is necessary to test the reaction of the binding agent on the paint

In the high humidity areas (e.g. bathrooms), seal the edges with neutral silicone to protect the backing paint from damage

For extra protection from moisture, use double sided adhesive tapes to fix the mirror on the mounting surface. These adhesive tapes used must be certified to be compatible with the mirror

The adhesive or the adhesive tapes must always be fixed vertically

Assemble the mirrors by insulating the rear surface and the edges from inclement weather and provide for ventilation through the inside of the panel.

Use clean cloth and hot water for cleaning mirrors. The mirror should be dried immediately after cleaning

Avoid spraying a cleaner on the edges of the mirror

After the cleaning, ensure that the edges are perfectly dry. Avoid the residues of the cleaner remaining in contact with the edges or the back of the mirror

Do not use Ammonia- based detergents or the other aggressive products