

GLASS MIRROR SPECIFICATION

Mirrors bring new dimensions into play. Small and confined spaces become bigger. Dark and dull rooms fill up with light. Perfect reflection offers unlimited and new possibilities of decoration.

Our mirrors are made using Pilkington Glass - a World leaders in the manufacture of high quality glass, using the latest technology in their production. Due to their established commitment to quality, service and continual technological growth, our manufactures glass has proven to be durable and long lasting. Pilkington are known for supplying top quality glass products. As such, our mirror meets and exceeds all existing quality requirements set by the European Standard EN1036.

Overview

Our Optimirror™ is a range of high specification mirror products, with excellent protection of the reflective silver layer, without the need for the copper and lead used in the conventional process. In addition to being environmentally friendly to manufacture, the Optimirror™ products offer far greater resistance to natural atmospheric corrosion – thus reducing the unsightly problems of black edges and spot faults.



Our mirror is available in many different thicknesses and sizes: We offer our customers 4 and 6 mm thicknesses however 2,3, 5, 8 and 10 mm may be available upon request, please contact our sales office today on [0333 800 181](tel:0333800181) or email sales@mirrorworld.co.uk.

Applications & Availability

Due to their high light reflection performance and superior standard of manufacture, the Optimirror™ products can be utilised across a vast array of buildings and applications, including walls, partitions, doors, displays, ceilings, cupboards, wardrobes, and other furniture.

- High light reflection of up to 94% in 4 mm thickness
- Completely lead-free top coat and < 0,15% lead in the wet basecoat
- Excellent resistance to natural atmospheric corrosion
- Higher corrosion resistance and improved resistance to chemical attack from cleaners and certain adhesives than conventional mirrors
- Environmentally friendly manufacturing process producing less waste and ensures easier onward recycling
- Compliant with EN 1036

Our standard bespoke mirror is made of clear float glass. However, on special request, mirror can be made of almost any base glass.

Delivery, Storage and Mounting

The following guidelines regarding handling, storing and mounting are commonly recommended by most users of mirror. Respecting the few elementary instructions listed here below will help to ensure a long-lasting mirror of the highest quality:

The mirror storage area ought to be dry and adequately ventilated. Direct sunlight, high humidity, sudden change in temperatures, as well as chemical fumes, may damage the mirror; store mirrors vertically: do not lay mirrors flat and stood on wood strips, felt or other relatively soft materials. When moving glass and glass products by whatever means always wear gloves and bear in mind that glass remains fragile and can be broken by rough handling. Care should be taken to ensure the glass is properly secured to prevent it falling and to avoid any damage. Mount mirrors off the wall with an air space behind. This provides ventilation for the backing of the mirror and, thus, inhibits corrosion processes; avoid the edges of the mirror from being in contact with stagnant liquids, such as pools of condensation or back-splashes of water from a sink. Glass should always be handled with care and the necessary safety equipment where appropriate.



Cleaning your Mirror

Pilkington Optimirror™ should not be washed in automated machines. Clean with water only. Never use ammonia based detergents or other aggressive products. After cleaning, dry the mirror immediately, especially around the edges. Under no circumstances should the product be stacked whilst still wet.

Mirror Installation

Please refer to the Glass and Glazing Federation recommendations for fixing mirrors. As a general rule avoid contact between the mirror and hard materials such as metal, porcelain and other breakable materials. Only fit the mirror to flat surfaces and avoid bending the glass out of plane during installation and use. If bonding the Optimirror™ using silicones to mount mirrors, care should be taken to ensure that the silicone is compatible with the protective backing on the mirror; If our adhesive is not used then it is the customer's responsibility to ensure that the adhesive is compatible with the backing layer on the mirror. If the adhesive supplier cannot confirm the suitability of their products, we advise that a small test area is tried to verify its long-term compatibility. Adhesives should be applied in vertical stripes making sure that air can circulate between the back of the mirror and the surface to which it is being applied. Apply even pressure to the surface area of the mirror. Support the mirror on blocks until the adhesive has fully cured; Refer to the cleaning guide above if cleaning your mirror. Please note that no assurance is provided against deterioration of Pilkington Optimirror™ when it is mounted in humid areas such as swimming pools, saunas and gyms.

