TOUCH OF GLASS

# Technical Data Sheet

## ANT027

www.tog.glass

# About Us

Since 2012, Touch Of Glass has been dedicated to crafting artistic and decorative glasses, setting new standards in interior design across the United Arab Emirates. Our forte lies in achieving excellence, driven by continuously expanding manufacturing capabilities and a collaborative approach with the industry's most revered names. By embracing cutting-edge technology, we aim to redefine innovation in glass products, making Touch Of Glass synonymous with unparalleled sophistication and creativity.

## Our Values

- Artistic Precision
- Collaborative Innovation
- Technological Excellence

# Introduction to Modern Antique Mirrors

Modern antique mirrors blend the charm and character of vintage aesthetics with contemporary craftsmanship and design. These mirrors capture the elegance of historical styles while incorporating modern techniques to creating pieces that are timeless and functional. Whether crafted to mimic the aged patina of centuries-old mirrors or incorporating antique frames with new glass, modern antique mirrors offer the best of both worlds—nostalgia and innovation.

## Uses of Modern Antique Mirrors

1. **Enhancing Interior Aesthetics**
   Modern antique mirrors add depth, texture, and character to any space.

2. **Creating an Illusion of Space**
   Placing a modern antique mirror in a small space, such as a hallway or apartment, reflects light, creating an illusion of depth, making the area feel more expansive.

3. **Increasing Natural Light**
   Positioning a modern antique mirror near a window or light source helps amplify natural light, brightening dark corners and enhancing the overall ambiance of a room.

4. **Statement Wall or Focal Point**
   Large or intricately framed modern antique mirrors can serve as eye-catching statement pieces in living rooms, entryways, or dining areas.

5. **Stylish Backsplashes**
   In kitchens and bathrooms, antique-style mirror backsplashes introduces a unique, reflective surface that enhances the décor while being easy to clean.

6. **Furniture Accents**
   Modern antique mirrors are incorporated into furniture designs, such as mirrored cabinets, coffee tables, and wardrobe doors.

Product image is for illustration purpose only.
We recommend you request for a physical sample before proceeding with order.

# TDS Information

## General Information

| | | | |
|---|---|---|---|
| Code | **ANT027** | Warranty | **1 year*** |
| Thickness | **6.00** | | |
| Glass Type | **Clear Glass** | | |
| Origin | **China** | | |

*Refer to warranty document for details

## General Properties of Float Glass

**Main components of float glass are as follows:**

**SiO2: 69 to 74 %** / **Na2O: 10 to 16 %** / **CaO: 5 to 14 %**
**MgO: 0 to 6 %** / **Al2O3: 0 to 3 %** / **Others: 0 to 5 %**

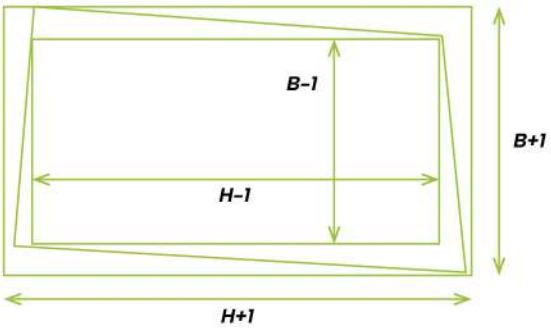
**Weight: 2400 – 2500 kg/m³**

**Recycled Content:**
Pre-consumer 0%
Post-consumer 0%

## Dimensional Tolerance

| Nominal Thickness | Minimum | Maximum |
|---|---|---|
| 6.00 mm | 5.80 mm | 6.10 mm |

The actual thickness is the average of measurements, taken to the nearest 0.01 mm, taken at the center of each side. The actual thickness rounded to the nearest 0.1 mm shall not vary from the nominal thickness by more than the tolerance shown below.




### Standard Sheet Sizes

Available on request

### Length and Width

Tolerance t ± 2 mm on nominal dimensions length H and width B
Tolerance t 5 mm on square-ness – difference between diagonals

# Quality Requirements

## Spot Faults

A spot fault is a nucleus sometimes accompanied by a halo of distorted glass.

| Category | Dimension of spot faults (mm) |
|---|---|
| A | > 0,2 and ≤ 0,5 |
| B | > 0,5 and ≤ 1,0 |
| C | > 1,0 and ≤ 3,0 |
| D | > 3,0 |

The allowable numbers of the categories of faults per square meter are shown in the table.

| Category | Count / Sqm |
|---|---|
| A | Any number any number |
| B | Average 3, Maximum 5 |
| C | Average 0,6, Maximum 1 |
| D | Average 0, Maximum 0 |

# Installation

## Recommended Adhesives

Antique mirrors to be installed using neutral silicon (NON-Acetic), mirror coating is not compatible with oxime based or acetic based silicon for mounting.

Dow Corning 817 Mirror Adhesive

## Tempering

Antique mirrors cannot be tempered.

## Safety

For safety, we recommend the use of safety vinyl backing which offers the following benefits:

1. Isolates mirror coating from adhesive/silicon used to mount.
2. Acts as a safety measure in case of breakage while transportation, installation or after installation due to accident.

# Quality

## Standard

Modern commercially available mirrors are made using a multilayer structure, with each component playing a specific role in preserving their appearance.

Antique mirrors are exposed to various accelerated aging tests to make sure they can preserve their beauty and appearance for a long time.

These tests are done under controlled conditions to check if the quality of materials and workmanship can hold up to many years of use.

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