

# Architectural Mirror Glazing Guide Specification

## Walker Glass

*(Walker Glass Specification sections use Master Format section numbering. Specifications are saved as Microsoft Word and are editable per project requirements. Revise footer if architectural firm and project name are required. For questions or additional options please contact Walker Glass at 1-888-320-3030)*

### Section 08 83 00 – Mirror Glazing

#### PART 1 - GENERAL

##### 1.01 SUMMARY

- A. Extent of each type of mirror work is indicated on drawings and by the provisions of this section.
- B. Types of mirror works required in the following:
  - 1. Decorative Mirrors;
  - 2. Door Mirrors;
  - 3. Vanity Mirrors;
  - 4. Sheet Mirrors.
- C. Related Sections
  - 1. Section 08 85 00 - Glazing Accessories.

##### 1.02 REFERENCES

- A. National Safety Institute (ANSI Z97.1 2004) with Category II Tape – see applicable design criteria.
- B. Consumer Product Safety Commission (CPSC) CFR-1201 & American Glass Association of North America.
- C. ASTM C-1036-11 Flat Glass referenced for Quality Q-1 for Clear Float Mirror and Q-3 for Low Iron and Tinted Mirror glazing.
- D. ASTM C-1503-08 (2013) Silvered Flat Glass Mirror.
- E. International Building Code (IBC) for commercial and residential construction.
- F. ISO 9001-2015 Certification.

##### 1.03 SUBMITTALS

- A. Comply with Section 01 33 00 – Submittal Procedures.
- B. Product Data - Submit manufacturer's product data, including performance characteristics and installation instructions.
- C. Submit fabricator's shop drawings, including elevations, sections, and details, indicating glass dimensions, tolerances, thicknesses and coatings.
- D. Submit manufacturer's samples of each type and thickness.
- E. Submit Manufacturer's cleaning instructions.
- F. Submit manufacturer's standard 10 year warranty.

## 1.04 QUALITY ASSURANCE

- A. Comply with published recommendations of glass product manufacturers, except where more stringent requirements are indicated. Refer to these publications for glazing terms not otherwise defined in this section or referenced standards.
- B. Double coat of mirror backing paint applied in accordance with the manufacturer's standard process.
- C. Minimum of 10 years experience in the manufacturing of mirrored glass glazing.
- D. Manufacturer to be ISO 9001:2015 Certified.

## 1.05 HANDLING, FABRICATION AND INSTALLATION

- A. Comply with manufacturer's instructions. (To include current Handling, Fabrication and Installation guidelines go to <http://walkerglass.com/pdf-page-guidelines-for-handling/> for current version).
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.
- D. Exercise care to prevent damage to glass and damage/deterioration to coating on mirrored glass glazing.

## 1.06 PROJECT SITE CONDITIONS

Field Measurement: When construction schedule permits, verify field measurements with drawing dimensions prior to fabrication of mirrored glass products.

## 1.07 WARRANTY

- A. To include warranty specification on tinted mirror, please go to: <http://walkerglass.com/pdf-page-warranty/>
- B. Warranty on Antique mirror: None

## **PART 2 - PRODUCT**

### **2.01 MANUFACTURERS**

- A. Walker Glass Company Ltd., Montreal, Canada, 888.320.3030

### **2.02 MATERIALS**

- A. Mirror Glazing

*(Note: Select Mirror type and corresponding thickness(es). Delete all other selections)*

1. Mirror Type: Walker Glass Mirror, Montreal, Canada

#### **Tinted and Low Iron**

Bronze [3mm] [5mm] [6mm]  
Grey [3mm] [5mm] [6mm]  
Black [5mm] [6mm]  
Low Iron [3mm] [5mm] [6mm]

2. Mirror Safety

Reinforced or non-reinforced organic adhesive backing.

3. Bevel: [6mm] [5mm] [1/2"] [3/4"] [1"] [1-1/4"] [1-1/2"] [Other: Contact Manufacturer]

4. Edge: [Flat matte polish] [Flat polish]

## **PART 3 – EXECUTIONS**

### **3.01 EXAMINATION**

- A. Examine areas to receive mirror. Notify Architect of conditions that would adversely affect installation. Do not proceed with installation until unsatisfactory conditions are corrected.

### **3.02 PREPARATION**

- A. Protection
  - 1. Handle and store product according to manufacturer's recommendations.

### **3.03 INSTALLATION**

- A) General
  - 1. Install products using the recommendations from the manufacturer of glass, sealants and other glazing materials, except where more stringent requirements are indicated, including those in the "GANA Glazing Manual."
  - 2. To include guidelines on mirror installation guidelines and compatible adhesives to use with the Walker mirror, please go to: <http://walkerglass.com/pdf-page-guidelines-for-handling/>

### **3.04 CLEANING**

#### **POST INSTALLATION CLEANING AND MAINTENANCE**

To prevent permanent damage and maintain visual and aesthetic quality, mirror glass products should be protected during construction and must be properly cleaned after installation and as part of routine maintenance.

*To include current Post Installation Cleaning and Maintenance guidelines go to <http://walkerglass.com/pdf-page-guidelines-for-handling/>*

## **END OF SECTIONS**