

Part 1 General

1.1 RELATED REQUIREMENTS

- .1 Section 09 21 16 - Gypsum Board Assemblies
- .2 Section 09 22 16 - Non-structural Metal Framing

1.2 REFERENCE STANDARDS

- .1 ASTM International
 - .1 ASTM D 2240-05, Standard Test Method for Rubber Property - Durometer Hardness.
 - .2 ASTM E 84-10, Standard Test Method for Surface Burning Characteristics of Building Materials.
- .2 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-12.1-M90, Tempered or Laminated Safety Glass.
 - .2 CAN/CGSB-12.3-M91, Flat, Clear Float Glass.
- .3 Environmental Choice Program (ECP)
 - .1 CCD-045-95(R2005), Sealants and Caulking Compounds.
- .4 Glass Association of North American (GANA)
 - .1 GANA Glazing Manual - 2008.
 - .2 GANA Laminated Glazing Reference Manual - 2009.
- .5 South Coast Air Quality Management District (SCAQMD), California State, Regulation XI. Source Specific Standards
 - .1 SCAQMD Rule 1168-A2005, Adhesives and Sealants Applications.

1.3 ACTION AND INFORMATIONAL SUBMITTALS

- .1 Submit in accordance with Division 1 Submittal Procedures.
 - .1 Product Data:
 - .1 Submit manufacturer's instructions, printed product literature and data sheets for glass, sealants, and glazing accessories and include product characteristics, performance criteria, physical size, finish and limitations.
 - .2 Submit for review and acceptance of each unit.

1.4 CLOSEOUT SUBMITTALS

- .1 Submit in accordance with Division 1 Closeout Submittals.

1.5 DELIVERY, STORAGE AND HANDLING

- .1 Deliver, store and handle materials in accordance with manufacturer's written instructions.

- .2 Delivery and Acceptance Requirements: deliver materials to site in original factory packaging, labelled with manufacturer's name and address.
- .3 Storage and Handling Requirements:
 - .1 Store materials off ground, indoors, in dry location and in accordance with manufacturer's recommendations in clean, dry, well-ventilated area.
 - .2 Store and protect mirrors and frames from nicks, scratches, and blemishes.
 - .3 Replace defective or damaged materials with new.

Part 2 Products

2.1 MATERIALS

- .1 Flat Glass:
 - .1 Silvered mirror glass: 6mm thick.
 - .2 Type: 3B-laminated.
- .2 Special Custom Mirrors:
 - .1 LED Backlit mirrors: 610mm wide x 1805 high, Lumidesign, or approved equivalent. (<https://lumidesign.ca/>). Two (2) to be provided.
 - .2 Custom full-height mirror with wood frame: 910 wide x 2060mm high. One (1) to be provided.
 - .3 Small mirror in Barrier-free area: 405mm wide x 1540mm high. One (1) to be provided.
- .3 Sealant: in accordance with Section 07 92 00 - Joint Sealants. VOC limit 250 g/L maximum to SCAQMD Rule 1168.

2.2 ACCESSORIES

- .1 Mirror attachment accessories:
 - .1 Stainless steel clips.
 - .2 Mirror frames: custom wood frame, walnut species. Refer to section 09 91 23 Interior Painting for finishes.

Part 3 Execution

3.1 INSTALLATION: MIRRORS

- .1 Set mirrors with clips. Anchor rigidly to wall construction.
- .2 Set in frame for custom wood framed mirror.
- .3 Place plumb and level.

3.2 CLEANING

- .1 Progress Cleaning: clean in accordance with Division 1
 - .1 Leave Work area clean at end of each day.

- .1 Remove labels.
- .2 Clean mirrors using approved non-abrasive cleaner in accordance with manufacturer's instructions.
- .2 Final Cleaning: upon completion remove surplus materials, rubbish, tools and equipment.

3.3 PROTECTION

- .1 Protect installed products and components from damage during construction.

END OF SECTION