
SECTION 08 83 00

FRAMELESS MIRRORS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide laminated frameless glass mirrors for exercise rooms with accessories as required for complete installation.

1.2 REFERENCES

- A. Glass Association of North America (GANA): Glazing Manual and Sealant Manual.

1.3 SUBMITTALS

- A. Product Data: Furnish for mirror glass and ballet barre system.
- B. Samples: Furnish samples of mirror glass with finished edges and corners.

1.4 WARRANTY

- A. Special Warranties: Replace laminated mirrors which exhibit signs of desilvering or signs of distortion and which exhibits signs of delaminating.
 - 1. Special Warranty Period: Two years.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. System Description: Provide laminated frameless mirrors with accessories as required for complete installation including ballet barres.
- B. Safety Glass Standard: Comply with applicable codes, CPSC 16 CFR 1201, and pass ANSI Z97.1.
- C. Laminated Glass Frameless Mirrors: ASTM C1172, Kind LA, two sheets of clear float glass laminated with polyvinyl butyral film, safety glass; laminated layers shall be free of air pockets and foreign substances.
 - 1. Glass: Mirror quality q1 or q2, clear float glass; factory treated and sealed after cutting and finishing.
 - 2. Edges: Provide edges designed to eliminate cutting potential at edges and corners commonly referred to as arrised edges, as approved by Architect.
 - 3. Glass Thickness: Nominal 1/4" total thickness unless otherwise indicated.
 - 4. Polyvinyl Butyral Core Thickness: Minimum 30 mil.
 - 5. Reflective Coating: Coating may be standard full silver reflective metallic coating on Number 2 surface or may be mirror reflective surface on polyvinyl buteral core.

D. Mirror Attachment:

1. Bottom Supports: Stainless steel angles, minimum 0.05" thickness; provide felt pads for setting mirrors on angles; provide concealed fasteners.
2. Adhesive: Nontoxic type as recommended by mirror manufacturer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Comply with GANA Glazing Manual and mirror manufacturer instructions.
 1. Do not allow glass to touch metal surfaces.
- B. Provide ventilation to coating where on exposed surface.
- C. Set or trim felt to face of mirror.

3.2 CLEANING

- A. Remove nonpermanent labels immediately after installation.
- B. Remove and replace mirrors which are broken, chipped, cracked, abraded or damaged during construction period, including natural causes, accidents and vandalism.

END OF SECTION