

Comet All-Glass Rev

1.05 QUALITY ASSURANCE

A. Manufactu

3. Where bends in steel forming are required, all stretch lines and die marks shall be refinished to blend with adjacent surfaces.
 4. Wing glass shall be ¼" tempered glass.
- H. Saturn S Narrow Stile Door Wings (Optional): Three (3) or Four (4) door wings as designed and manufactured of narrow stile aluminum extrusions and reinforced with internal aluminum door corners for strength. Door wings must utilize removable rubber and felt weather stripping on two sides and rubber on one side. The inside stile shall be 1-3/4" x 1-3/4", the outside stile shall be 1-3/4" x 2-1/2", and the bottom and top rail shall be 1-3/4" x 3". Door wings must be capable of folding forward or backward allowing for emergency egress. Door wings are available in clad bronze or stainless steel.
1. Where bends in steel forming are required, all stretch lines and die marks shall be refinished to blend with adjacent surfaces.
 2. Door wings shall have a 4" sightline.
- I. Fasteners: No visible fasteners shall be used except those necessary for the application of manufacturer's hardware, and glass molding. Fasteners shall be corrosion-resistant, non-staining, non-bleeding, and compatible with adjacent materials.

2.04 EQUIPMENT

- A. In-Floor Speed Control: attaches to the bottom disc of the center rotating shaft with a stainless-steel speed control stub shaft plate and limits the rotation speed of the door to a preset RPS c

- A. Adjusting Screw: Bronze screw used to adjust the pressure required to book-fold rotating wings.
- B. Bumpers: Rigid, architectural bronze and rubber-tipped bumper located on the top door rail of each door wing to prevent door wings from contacting one another when in the book fold position; (1) per wing. Bumpers are available in the following finishes:
 - 1. #4 Satin Brushed Bronze or Chrome
 - 2. #8 Polished Mirrored Bronze or Chrome
 - 3. #4 Statuary Bronze (Optional)
 - 4. Painted to Match (Optional)
- C. Center Shaft: Steel center shaft shall coach speed control and floor biasing the stainless

1. #4 Satin Brushed Bronze or Stainless Steel
 2. #8 Highly Polished (mirror finish) Bronze or Stainless Steel #4 Statuary Bronze
 3. Anodized to Match
 4. Painted to Match
- K. Vertical Push Bars (Optional): Provide 1" diameter round full length push bar; one (1) per wing. Push bars available in aluminum, stainless steel, or architectural bronze. Push bars are available in the following finishes:
- 5)
 - 5) #4 Satin Brushed Bronze or Stainless Steel
 6. #8 Highly Polished (mirror finish) Bronze or Stainless Steel #4 Statuary Bronze
 7. Anodized to Match
 8. Painted to Match
- L. Custom Push Bars (Optional): Per Architects specified manufacturer
- M. Surface Applied Locks: Precision machined, architectural bronze 2" x 3-11/16" surface-mounted deadbolt locks with removable, keyed cylinder :

- D. Glazing Sealants: Silicone, single component – Spectrem 1 (Tremco) or silicone, single component – 791 (Dow Corning)
- E. Metal Finishes: Shall Comply with NAAMMs "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- F. Aluminum Extrusions: All commercial grade extrusions shall be of aluminum alloy 6063-T6 per ASTM B-221 and be of .125" minimum thickness. Finishes available:
 - 1. AAMA 611 Architectural Class 1 Clear Anodized Type AA-M10C22 A41
 - 2. AAMA 611 Architectural Class 1 Anodized Type AA-M10C22 A44: Light, Medium and Dark Bronze, Black and Champagne
 - 3. Custom Anodized Finish by Architect
 - 4. AAMA 2605 Superior Performing Organic Coatings (e.g.: Duranar, Fluropon; 70% Kynar Fluoropolymers)
 - 5. AAMA 2604 High Performance Organic Coatings (e.g.: Powder Coating)

- G. Aluminum Sheet: All aluminum sheet metal shall meet ASTM B-209, be of H15 or H34 temper 5005 alloy and shall be of .063" minimum thicknesses. Finishes available: be of minimum thickness:

- VII. in
 - 1. AAMA 611 Architectural Class 1 Clear Anodized Type AA-M10C22 A41
 - 2. AAMA 611 Architectural Class 1 Anodized Type AA-M10C22 A44: Light, Medium and Dark Bronze, Black and Champagne
 - 3. AAMA 2605 Superior Performing Organic Coatings (e.g.: Duranar, Fluropon; 70% Kynar Fluoropolymers)
 - 4. AAMA 2604 High Performance Organic Coatings (e.g.: Powder Coating)

- H. Stainless Steel Sheet: All stainless-steel sheet shall meet ASTM 240/A 240M, shall be Type 304 and shall be of .060" minimum thickness; Type 316 is available as an option. Finishes available:

- a.
 - 1. ~~#4~~ Brushed Satin in
 - 2. #6 Brushed Satin
 - 3. #7 Highly Polished (mirror finish)
 - 4. #8 Highly Polished Non-Directional (mirror finish)

- I. Steel Sections: ~~ASTM A 36~~ in

- A. Off-Site Instruction: A factory-trained technician shall demonstrate to the owner's maintenance crew the proper operation of the door and the necessary service requirements such as lubrication, cleaning, and inspection of components upon completion of installation.
- B. On- Site Instruction (Optional): A factory-trained technician shall demonstrate to the owner's maintenance crew the proper operation of the door and the necessary service requirements such as lubrication, cleaning, and inspection of components upon completion of installation.
- λ g. Cleaning: Installer shall clean metal and glass surfaces carefully a