

SECTION 08520 - ALUMINUM WINDOWS

PART 1 GENERAL

1.1 SUMMARY

- A. Provide aluminum windows.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
- D. Warranty: Submit manufacturer's standard warranty. Include labor and materials to repair or replace defective materials.
 - 1. Warranty Period: 5 years.
- E. Maintenance Data: Submit manufacturer's maintenance data, including maintenance schedule.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.
- C. Performance: Comply with AAMA/NWWDA 101/IS.2 for grade of window required.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Manufacturers: Alenco Quaker Products Inc., Craftline or approved equal.
- B. Aluminum Windows:
 - 1. Construction: Thermal-break type.
 - 2. Aluminum Window Members: Aluminum extrusions.
 - 3. Anchors, Clips, and Window Accessories: Aluminum, nonmagnetic stainless steel, or galvanized steel.

4. Window Operation: Horizontal sliding windows with 4" permanent limit stop
5. Grade: Commercial.
 - a. Standard: AAMA/NWWDA 101/I.S. 2, Grade 40.
6. Glazing Color: Tinted glass.
7. Aluminum Finish: Bronze finish

PART 3 EXECUTION

3.1 INSTALLATION

- A. Fabricate windows to conform to AAMA standards and accept glass specified.
- B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- C. Operation: As per manufacturer's requirements.
- D. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION