

Montgomery County Public Schools Facilities Guide

DIVISION 8 - DOORS AND WINDOWS

SECTION 08400

ENTRANCES AND STOREFRONTS

PART 1 GENERAL

1.01 GUIDE INCLUDES

- A. Aluminum entrances and storefronts shall not be used.
- B. If use of the above is accepted by MCPS Division of Construction the following standards shall apply.
 - 1. Any use of above shall be as minimal as possible.
 - 2. Systems must meet the energy efficiency envelope performance criteria for windows (Section 08520) and doors (Section 08100) for thermal breaks, glazing U-Values and acoustical performance.
 - 3. Glazing not to exceed 40 percent of wall area. Areas with more glazing than 40 percent require exterior shading devices and special permission from MCPS project manager.

1.02 QUALITY ASSURANCE

- A. Installer Qualifications:
 - 1. Engage an experienced installer who has completed installations of storefront and entrances similar in design and extent to those required for project and whose work has resulted in construction with record of successful in-service performance.
- B. Fabricator Qualifications:
 - 1. Provide storefront systems fabricated by firm experienced in producing systems that are similar to those indicated for this Project, and that have record of successful in-service performance. Fabricator shall have sufficient production capacity to produce components required without causing delay in progress of Work.
 - 2. Single Source Responsibility: Obtain storefront and curtainwall systems from one source and from single manufacturer.
- C. Warranty:
 - 1. Submit written warranty, executed by the manufacturer, agreeing to repair or replace units that fail in materials or workmanship within the specified warranty period.
 - 2. Warranty Period: 5 years for components; 20 years for fluorocarbon finish system; 10 years for glass dual seal, after the date of Substantial Completion

Comment [Comment1]: Referenced in Section 01740 Warranties and Bonds

1.03 SUBMITTALS

- A. Submit location of manufacture of entrances and storefronts.
- B. Submit recycled-content information, designating percentages of post-consumer and pre-consumer recycled materials.
- C. Submit MSDS for any applicable products used.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Kawneer Company, Inc.
- B. Tubelite Inc.

2.02 MATERIALS, GENERAL

- A. Provide maximum recycled-content feasible for entrances and storefronts.

PART 3 EXECUTION (NOT USED)

END OF SECTION