

Part 1 General

1.1 WORK INCLUDED

- .1 Provide surface-mount glass smoke baffles where indicated on plan

1.2 QUALITY ASSURANCE

- .1 All work specified under this section supplied and installed entirely by one subcontractor using his own forces.

1.3 SUBMITTALS

- .1 Submit detailed drawings showing all components
- .2 Submit duplicate copies of cut sheet of product

1.4 DELIVERY, STORAGE AND HANDLING.

- .1 Deliver materials in original protective wrappings or containers, with manufacturer's labels and sealed intact.
- .2 Handle and store materials according to manufacturer s recommendations, protecting materials and finishes from damages, marring of finishes or soiling.

Part 2 Products

2.1 MATERIALS

- .1 Pre-engineered component-based smoke baffle system
 - .1 extruded aluminum base
 - .2 white powdercoat finish
 - .3 surface mount to existing concrete bulkhead
 - .4 19 mm glass – height to match existing being replaced (~18" field verify)
 - .1 to meet ANSI Z97.1
 - .2 polished edges

Part 3 Execution

3.1 EXAMINATION

- .1 Examine areas to receive smoke baffle system. Notify Departmental Representative if areas are not acceptable. Do not begin installation until acceptable conditions have been corrected.

3.2 INSTALLATION

- .1 Install smoke baffle system in accordance with manufacturer's instructions using trained installers.
- .2 Install units rigid, straight, level, and plumb.
- .3 Attach smoke baffle system securely in place using fasteners supplied or approved by manufacturer for use in substrate material at install location.
- .4 Attach smoke baffle system to supports as approved by manufacturer
- .5 Use manufacturer's supplied hardware.
- .6 Repair minor damages to finish in accordance w/ manufacturer's instructions.
- .7 Remove and replace defective or damaged components that cannot be successfully repaired as determined by Departmental Representative.

3.3 CLEANING

- .1 Clean smoke baffle system & glass promptly after installation in accordance w/ manufacturer's instructions.
- .2 Do not use harsh abrasive cleaning materials or methods that would damage glass finish.
- .3 Make accurate measurements at the site before fabrication.
 - .1 Check layout of glazing framing sections, spans, and loading capabilities.

3.3 INSTALLATION

- .1 Install shades in exterior windows as indicated on drawings.
- .2 Install work by manufacturer's skilled tradesmen and install in strict accordance with manufacturer's recommendations.
- .3 All items installed, plumbed, squared, rigidly coupled and adequately anchored, maintaining uniformed clearances, accurate alignment levels, and parallel with the window plane to provide smooth operation without binding.
- .4 Fabric shall not travel sideways more than 3 mm in either direction.

3.4 ADJUSTING AND CLEANING

- .1 Adjust shades and operating components as required to ensure smooth and trouble-free operation without binding.
- .2 Adjust shade and shade cloth to hang flat without buckling or distortion.
- .3 Clean shades and exposed components.
- .4 Replace work which cannot be satisfactorily repaired, adjusted, or cleaned.

END OF SECTION