

FS Baffles

Part 1 – General

The Baffle System is a product designed to meet the sound attenuation requirements of large gathering areas that do not allow for suspended ceilings or for areas that require additional sound absorptive materials. The system employs special components that are specifically intended for use in those types of spaces, where function and value are the foremost selection criteria. The Baffle is unique to the industry through the use of rigid polymer frame extrusions allowing for meticulous detailing that results in a tailored appearance while maintaining constant rigidity throughout the baffle unit.

Part 2 – System Materials

Polymer Extrusions

The fabric mounting system consists of 2" rigid polymer extrusions, which are mitered and secured together as a frame at the outside boundary of the sound baffle. The rigid polymer extrusions are the means for securing fabric to the baffle and provides the ability of removal and replacement of fabric in the event the fabric becomes soiled or damaged. Baffles are supported by means of eyebolts that are firmly attached to any outside edge of the extrusion or can be wall mounted with mechanical clips. The number of eyebolts may vary with the size and configuration of the baffle. Baffles can be constructed in custom sizes up to 48" x 96".

Acoustical Insulation

The acoustical insulation is composed of a rigid Acoustitherm 600 Fiberglass Core in a 2" thickness and shall achieve a Noise Reduction Coefficient (NRC) of .80 – 1.0 per ASTM C-423 (Type H Mounting)

Textiles

Materials to be approved by Kvadrat Soft Cells for systems compatibility.

Part 3 – Execution

Project Conditions

Install only in interior spaces under conditions of temperature and humidity that are maintained at values near those indicated for final occupancy. Spaces must be enclosed and weather tight. All wet trades should have completed their work prior to the installation of the Baffles.

Installation

The Baffles are completely finished from the factory and shipped to the jobsite for installation. Following uncrating, the Baffles are to be suspended from the integral eye bolts with chain, cable or wire and fastened to the provided support members as required by the project conditions or wall mounted by means of mechanical clips. Baffles shall be suspended in locations as specified by the acoustical consultant or architect.