



PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Sound-absorbing ceiling baffles, custom-fabricated.

1.02 REFERENCES

- A. ASTM International:
 1. ASTM C423 Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.
 2. ASTM E84 Standard Test Method for Surface Burning Characteristics of Building Materials.
 3. ASTM E795 Standard Practices for Mounting Test Specimens During Sound Absorption Tests.

1.03 SYSTEM DESCRIPTION

- A. Performance Requirements:
 1. Surface Burning Characteristics (ASTM E84):
 - a. Flame spread: 25 maximum.
 - b. Smoke Developed: 450 maximum.

1.04 SUBMITTALS

- A. General: Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedures Section.
- B. Product Data: Submit product data sheet, for specified products.
- C. Shop Drawings: Submit shop drawings showing layout, and baffle components, including anchorage, and colors.
- D. Samples: Submit selection and verification samples of finishes and colors.
- E. Test Reports: Certified test reports showing compliance with specified performance requirements.
 1. Standard Systems: Submit copies of previous test reports substantiating performance of system in lieu of retesting.





1.05 QUALITY ASSURANCE

NOTE TO SPECIFIER – Paragraph below should list obligations for compliance with specific code requirements particular to this section. General statements to comply with a particular code are typically addressed in Conditions of the Contract and Division 1 Regulatory Requirements Section. Repetitive statements should be avoided.

- A. Regulatory Requirements and Approvals: [Specify applicable requirements of regulatory agencies].
 - 1. [Code agency name].
 - a. [Report or approval number].

1.06 DELIVERY, STORAGE, AND HANDLING

- A. General: Comply with Division 1 Product Requirements Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1.07 PROJECT CONDITIONS

- A. Environmental Requirements: Do not install baffles until wet work, such as concrete and plastering, is complete; the building is enclosed; and the temperature and relative humidity are stabilized at 60 - 80 degrees F (16 - 27 degrees C) and 35% MINIMUM RH and 55% MAXIMUM RH, respectively.

PART 2 PRODUCTS

2.01 SOUND-ABSORBING CEILING BAFFLES

- 1. Products
 - a. Sound Seal Acoustical Products
Poly-Coustix Brand
50 HP Almgren Dr.
Agawam, MA. USA
Ph. (413) 789-1770
Fax (413) 789-4444
www.soundseal.com

- A. Substitutions: No substitutions permitted.





2.02 MANUFACTURED UNITS

NOTE TO SPECIFIER - Select size per project requirements.

1. Size:

[48 inches (1219 mm) x 12 inches (305 mm) x 2-3/4 inches (70 mm)]

[48 inches (1219 mm) x 16 inches (406 mm) x 2-3/4 inches (70 mm)]

[48 inches (1219 mm) x 24 inches (610 mm) x 2-3/4 inches (70 mm)]

[96 inches (2438 mm) x 12 inches (305 mm) x 2-3/4 inches (70 mm)]

[96 inches (2438 mm) x 16 inches (406 mm) x 2-3/4 inches (70 mm)]

[96 inches (2438 mm) x 24 inches (610 mm) x 2-3/4 inches (70 mm)]

[*Custom Size- Contact factory for assistance.*]

2. Color: As selected from baffles manufacturer's stocked range of colors.

3. Sound Absorption (ASTM C423): Sabin sound absorption as follows:

- a. Minimum Sabins 35.59 @ 250 Hz, 56.39 @ 500 Hz, 84.97 @ 1000 Hz, 100.91 @ 2000 Hz

NOTE TO SPECIFIER - Select mounting accessories per project requirements.

4. Mounting Accessories: [Threaded Rod] [Cable]

PART 3 EXECUTION

3.01 MANUFACTURER'S INSTRUCTIONS

- A. Compliance: Comply with manufacturer's product data, including product technical bulletins, product catalog installation instructions and product carton instructions for installation.

3.02 EXAMINATION

- A. Site Verification of Conditions: Verify that substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.

1. Do not install baffles until unsatisfactory conditions are corrected.

3.03 CLEANING

- A. Follow manufacturer's instructions for cleaning baffles soiled during installation. Replace baffles that cannot be cleaned to as new condition.

- B. Keep site free from accumulation of waste and debris.

END OF SECTION

