



Trademark
SOUNDPROOFING

SPECIFICATIONS

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. Flamespread: 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





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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

- 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

- B. Substitutions: No substitutions permitted.





2.02 MANUFACTURED UNITS

NOTE TO SPECIFIER - Select circle or square per project requirements.

1. Size: (Square 47 inches x 47 inches x 2-3/4 inches)
2. Size: (Circle 47 inches x 47 inches x 2-3/4 inches)
3. Color: As selected from baffles manufacturer's stocked range of colors.
4. Sound Absorption (ASTM C423): Sabin sound absorption as follows (based on square baffle):
 - a. Minimum Sabins 44.98 @ 250 Hz, 64.84 @ 500 Hz, 93.71 @ 1000 Hz, 108.31 @ 2000 Hz

NOTE TO SPECIFIER - Select mounting accessories per project requirements.

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

PART 3 EXECUTION
3.01 MANUFACTURER'S INSTRUCTIONS

3.01 MANUFACTURER'S INSTRUCTIONS

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

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

