

PROJECT ARCHITECT RESPONSIBILITY:

This is a general specification guide, intended to be used by experienced construction professionals, in conjunction with good construction practice and professional judgment. This guide is to aid in the creation of a complete building specification that is to be fully reviewed and edited by the architect of record (specifier). Sections of this guide should be included, edited, or omitted based on the requirements of a specific project. It is the responsibility of both the specifier and the purchaser to determine if a product or system is suitable for its intended use. Neither Conwed Designscape, nor any of its subsidiary or affiliated companies, assume any responsibility for the content of this specification guide relative to actual projects and specifically disclaim any and all liability for any errors or omissions in design, detail, structural capability, attachment details, shop drawings or other construction related details, whether based upon the information provided by Conwed Designscape or otherwise

SECTION 098117 – ACOUSTIC BOARD INSULATION

PART 1 - GENERAL

1.1 — SUMMARY

A. Section Includes:

Glass fiber acoustical insulation for interior partitions.
(Conwed Designscape SelectSound™ Black Acoustic Board)

1.2 — SUBMITTALS

A. Product Data:

Submit manufacturer's product specifications including certified laboratory test reports and other data required to show compliance with these specifications.

B. Certified Test Reports:

Submit test data from an independent testing agency, acceptable to authorities having jurisdiction, evidencing that systems components comply with requirements indicated for fire performance and recycled content characteristics. Submit test data from independent testing agencies showing that system complies with the specified requirements for acoustical performance.

1.3 — DELIVERY, STORAGE, AND HANDLING

A. Project Conditions:

Protect system components from excessive moisture in shipment, storage, and handling. Deliver in unopened bundles and store in a dry place with adequate air circulation.

1.4 — WARRANTY

A. Warranty:

Provide manufacturer's standard 1-year warranty against defects in materials or manufacturing.

PART 2 - PRODUCTS

2.1 — MANUFACTURER:

- A. Glass Fiber Acoustical Insulation for Interior Partitions:** SelectSound™ Black Acoustic Board as manufactured by Conwed Designscape, www.conwed.com with the following characteristics:

- 1. Typical Thickness:**
1" and 2", available in 70 ft rolls, 72" wide.
- 2. Noise Reduction Coefficient (ASTM C423, Type A mounting):**
1.00, 2 inches thick.
- 3. Compliance:**
ASTM C 553, Type I, 250°F maximum use temperature.
 - Water Vapor Sorption (ASTM C1104): Less than 3 percent by weight at 120°F (49°C), 95% R.H.
 - Fungi Resistance (ASTM C1338): Meets requirement.
 - Corrosiveness (ASTM C665, Corrosiveness Test): Will not cause corrosion greater than that caused by sterile cotton on aluminum or steel.
 - Surface Burning Characteristics (UL 723/CAN/ULC-S102-M): Maximum flame spread 25, maximum smoke developed 50.

PART 3 - EXECUTION

3.1 — EXAMINATION:

A. Verification of Conditions:

Examine installation location and conditions under which work is to be performed. Verify wet work is complete and dry. Verify suitable blocking at cable mounting points is in place. Notify Contractor in writing of any unsatisfactory conditions. Do not proceed until satisfactory conditions are achieved.

3.2 — INSTALLATION:

- A.** Install products in accordance with manufacturer's written instructions and in proper relationship with adjacent construction.
 - 1.** Cut insulation to fit around penetrations, including outlets, junction boxes and other irregularities.
 - 2.** Where walls are not finished on both sides or insulation does not fill the cavity depth, provide supplementary support to hold product in place.
 - 3.** Prepare surfaces prior to manufacturer approved adhesive installation.
 - 4.** Prepare surfaces prior to impaling pin installation. Pin location, quantity and length should be selected to ensure tight fit. Where subject to physical contact, protect pin tips.

End of Section

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