

SECTION 098433 – Fabric Wrapped Acoustical Panels

*(Attention Specifiers: All areas in **red** require you to make selections based on requirements of the project before issuing specifications. Please refer to the appropriate product data page when making your selections. All data pages are available at <https://speechguard.net/>)*

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PART 2 – PRODUCTS

2.1 Fabric Wrapped Acoustical Wall Panels

A. Manufacturer: Spirit Acoustics, Inc.

1. Contact: 103 Sparta Road, Unit D3, Stanhope, NJ 07874; Telephone: (888) 233-0849 E-mail: saisupport@spirit-acoustics.com Web site: <https://speechguard.net/>
2. Substitutions: No substitutions permitted.

2.2 WALL PANELS, GENERAL

A. Speech Guard Panels:

1. Core: 6-7 lb. per cubic foot high-density fiberglass
2. Size: As indicated on the drawings stock sizes include
 - a. 24'' wide, 36'' wide, 48'' wide, height 60''
 - b. 24'' wide, 36'' wide, 48'' wide, height 72''
3. Edge Detail: [Square] [Beveled] hardened with a Class A hardening solution.
4. Facing: [100% polyester fabric, FR 701 Style 2100 by Guilford of Maine] [Factory approved customer selected fabric]. Designer-selected fabrics must be approved by the panel manufacturer as acceptable quality for wrapping and covering core materials. Some fabrics are unstable, too stiff, or lack the weight and thread density for producing an acceptable finish product.
 - a. Color: [As selected from panel manufacturer's stocked range of colors] [As selected from fabric manufacturer's full range of colors].
5. Sound Absorption (ASTM C423): Noise Reduction Coefficient as follows:

NOTE TO SPECIFIER: NRC sound absorption data is based on testing with Guilford FR701 fabric. To maintain specified sound absorption, fabrics should be selected that allow air to pass easily through the material into the acoustical core.

- a. General/Absorptive 1 inch (25.4 mm) panel: 0.80, minimum.
6. Mounting Accessories: [Rotofast Snap-On] [HS Impaling Clips].

2.3 FABRICATION

- A. Wrap panel edges and return facing fabric 1 - 2 inches (25.4 - 51 mm) on back of panel. Secure fabric with adhesive applied to edges and back of panel only.

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

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- 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. Verify that stud spacing is 16 inches (406 mm) O.C., maximum, for panels installed over open studs.
 - 2. Do not install panels until unsatisfactory conditions are corrected.

3.03 CLEANING

- A. Follow manufacturer's instructions for cleaning panels soiled during installation. Replace panels that cannot be cleaned to as new condition.
- B. Keep site free from accumulation of waste and debris.

END OF SECTION