

Snowsound carries various collections of acoustic and textural solutions for walls, ceilings, and free-standing applications. The Snowsound team can assist designers with product knowledge to bring their creative ideas to life. One of the most customizable offerings from Snowsound is Snowall: our 100% polyester sound absorbing acoustic textiles with 100% polyester felt backing. Snowall is available in rolls and can be cut and adhered to various substrates via direct glue application.

SECTION 09 72 19

TEXTILE WALL COVERINGS

(4mm 100% Polyester Acoustic Felt-Backed Textile by Snowsound USA)

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

- A. This Section includes requirements for 100% polyester felt fabric acoustic sound absorbing wallcovering adhered to substrate.

1.2 SUBMITTALS

- A. Submit manufacturer's product data, including complete laboratory test results, representative details, and other information necessary to establish that product is appropriate for application.
- B. Submit a minimum size 4 inch x 6 inch sample of polyester felt fabric acoustic wall covering.
- C. Submit shop drawings indicating full extent of polyester felt fabric acoustic wall covering. Include elevations indicating extent of polyester felt fabric acoustic wall covering.
- D. Submit installer qualifications including photographs of previously completed projects and references.

1.3 QUALITY ASSURANCE

- A. Manufacturer shall have a minimum of five (5) years' experience in providing acoustic wall covering products similar in size, scope, and complexity to the work of this project.
- B. The installer shall have a minimum of five (5) years' experience in the installation of natural materials such as leather, cork, or felt similar in size, scope, and complexity to the work of this project.

1.4 MOCK-UP

- A. If the installer holds less than five (5) years' experience with felt wall covering, construct a mockup at the project site of a typical wall with felt fabric acoustical wall covering. Mock-up shall be a minimum of 10 feet x 10 feet and will be reviewed for seam quality, color range, and workmanship.

- B. Obtain Architect's acceptance of the mock-up before starting remainder of work. Retain mock-up during construction as a standard for judging completed work. Do not alter mock-up after acceptance. Mock-up may be incorporated into the work upon approval by the Architect.

1.5 PRE-INSTALLATION CONFERENCE

- A. Approximately two weeks prior to scheduled commencement of installation and associated work, meet at project site to discuss conformance with requirements of specification and job site conditions. Representatives of the architect, general contractor, installer, and other parties who are involved in the scope of this installation shall attend the meeting. Review submittals, specific concerns related to site conditions, installation methods, and other work governing the quality of the installation.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in accordance with manufacturers written instructions.
 - 1. Protect materials from excessive moisture in shipment, storage, and handling.
 - 2. Material shall be inspected upon arrival for flaws or defects. Felt fabric acoustic wall covering that is flawed shall be rejected, and Snowsound USA must be contacted within 72 hours to report damaged packaging or damaged goods.
 - 3. Replace damaged materials and immediately place new order for new materials.
 - 4. Store materials in manufacturer's unopened packaging until ready for installation. Do not store felt fabric acoustic wall covering in bolts in an upright position or beneath other materials. Felt material must acclimate in the space to be installed a minimum of 48 hours.

1.7 PROJECT CONDITIONS

- A. Schedule installation of felt fabric acoustic wall covering as late as possible in sequence of construction schedule to mitigate risk of damage.
- B. Space shall be enclosed and weather tight, with temperature and humidity stable at values near those indicated for final occupancy.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis-of-Design Manufacturer: Snowsound USA
- B. Snowsound USA: 10018 Santa Fe Springs Road, Santa Fe Springs, CA 90670.
Phone: (562) 903 9550 ext. 2. Email info@snowsoundusa.com,
Website: www.snowsoundusa.com
- C. Acceptable Material: Snowsound Patented Acoustic Textiles (Fiber 3 Melange or Fiber 8 Boucle)

2.2 POLYESTER ACOUSTIC FELT WALLCOVERING

A. 4mm 100% Polyester Acoustic Textile with Polyester Felt Backing by Snowsound USA www.snowsoundusa.com/products/textiles/snowall/

1. Content: 100% Polyester Acoustic Sound Absorbing Fiber with Patented Snowsound Technology and 100% Polyester Felt Backing
2. Thickness: 4 mm (1/8 in).
3. Width: 132 cm (52 in.).
4. Bolt Length: Roll lengths from 4 yards (56 sq. ft. total) to 16.5 yards (213 sq. ft. total)
5. Weight: Fiber 3 Melange: 10.0 oz. per sq. yard / 15.4 oz per linear yard. Fiber 8 Boucle: 13.6 oz. per sq. yard / 21.5 oz. per linear yard
6. Backing: No additional backing
7. Texture and Color: As selected from manufacturer's standard textures and colors per product cut sheet.
8. Texture: Fiber 3 Melange or Fiber 8 Boucle
9. Color: **Fiber 3 #300** (insert texture and color here).
(For Example: Fiber 3 Melange, #316 or Fiber 8 Boucle #802)
10. Properties:
 - a. ASTM C423 / ISO 354: NRC – 0.25, SAA – 0.27
 - b. ASTM E 84: Class A.
 - c. CAL 117: Pass
 - d. CAN/ULC S102-10: Pass
 - e. EN 13501-1 (Euroclass): B-s1-d0
 - f. NFPA 260: Class 1.
 - g. NFPA 701: Pass
 - h. Colorfastness to Light Class: Grade 7 “Outstanding”
 - i. Colorfastness to Crocking: Grade 5 (wet), Grade 5 (dry).
 - j. ASTM 4966 (Martindale Abrasion Tester Method): Fiber 3: 50,000 / Fiber 8: 25,000
 - k. Environmental: Greenguard GOLD Certified / Declare Label Red List Free / Living Building Challenge Criteria Compliant / No Formaldehyde, Contributes to LEED / 100% Recyclable.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrate and spaces in which work is to be performed.
- B. Do not begin installation until:
 1. Space has been enclosed and is weather-tight.
 2. Wet work has been completed and is dry.
 3. Painting is completed and wall base and floor covering is installed.
 4. Adjacent work of other trades such as woodwork, ceilings, wall coverings, reveals, and other contiguous work has been completed.
- C. Drywall surfaces shall be taped, bedded, sanded, and primed. Penetrations shall be sealed against air and moisture leakage through wall.

- D. Do not proceed with installation until unsatisfactory conditions have been corrected. Beginning of installation indicates acceptance of existing substrate conditions.

3.2 INSTALLATION

- A. Install felt fabric acoustic wall covering in strict accordance with manufacturer instruction and recommendations.
 - 1. Inspect for surface irregularities and plan the cutting and piece selection to ensure that the correct textile side will be visible. Allow felt to acclimate to the installation environment. After the shipping boxes have been opened, the felt should be laid out individually on the floor for at least 24 hours.
 - 2. Correct any wall irregularities with either spackling, drywall compound or other wall repair materials. Provide a smooth and even surface by preparing the substrate to a minimum Level 4 finish on new drywall surfaces. All wall surfaces must be primed prior to installation.
 - 3. Trim the acoustic felt as needed to provide plumb and straight edges.
 - 4. Follow the Direct Glue Installation Instructions on the website.
 - 5. Using an appropriate roller or similar tool, coat the substrate with suitable adhesive. Allow to cure per the adhesive manufacturer's application instructions.
 - 6. Apply the felt to the surface and use a weighted roller to smooth the surface, working from one end to remove any air bubbles. Rolling the entire surface also ensures maximum bond of the adhesive.

3.3 CLEANING AND PROTECTING

- A. Perform daily progress cleaning as applicable.
- B. Remove surplus materials, rubbish and debris, leaving area in a neat and clean condition.
- C. Protect installed acoustic panels from damage during construction.

END OF SECTION