FilzFelt carries German-milled 100% Wool Design Felt and felt products that include acoustic and textural solutions for the wall, floor and everywhere in between. In addition, FilzFelt provides full custom fabrication services. A biodegradable and renewable nonwoven textile, wool felt is water-resistant, self-extinguishing, and known for its thermal and acoustic insulation properties, and its highly saturated and lightfast colors. And FilzFelt can assist designers with custom cutting and fabricating virtually any size, shape or design for a wide range of applications.

SECTION 098411

WALL-MOUNTED ACOUSTIC PANELS

(Index Color Blocked, Index Dimensional, Index Linear, Index Solid, Index Wide by Submaterial)

1. GENERAL
   * + 1. DESCRIPTION OF WORK
          1. Work Included: Provide labor, materials and equipment necessary to complete the work of this Section including the following.

Wall-mounted acoustic panels.

* + - * 1. Related Work: The following items are not included in this Section and are specified under the designated Sections:

Section 061000 - Rough Carpentry; concealed blocking and supports.

* + - 1. SUBMITTALS
         1. Product Data: Submit for each product indicating materials, dimensions, profiles, textures and colors. Include installation instructions.
         2. Shop Drawings: Submit shop drawings indicating plans, elevations, details of construction, and relationship with adjacent construction.
         3. Verification Samples: Submit representative sample of felt in color specified.
      2. QUALITY ASSURANCE
         1. Manufacturer: Minimum of 2 years manufacturing similar products.
         2. Installer: Minimum of 2 years installing similar products.
      3. DELIVERY, STORAGE, AND HANDLING
         1. Delivery: Deliver materials in manufacturer’s original, unopened, undamaged containers with identification labels intact.
         2. Storage and Handling: Comply with manufacturer's recommendations for storage and handling. Protect from weather damage.
      4. WARRANTY
         1. Warranty: Provide manufacturer's standard limited warranty against defects in manufacturing.

1. PRODUCTS
   * + 1. WALL-MOUNTED ACOUSTIC PANELS
          1. Tile System: 100% Wool Design Felt and Cork Composite Backing.

Basis-of-Design: Index Color Blocked by FilzFelt, www.filzfelt.com/index-color-blocked

Materials:

Felt: 100% Wool Design Felt, 100 percent biodegradable.

Substrate: Cork composite, 3 percent pre-consumer recycled content.

Contains no formaldehyde, chemical irritants, or harmful substances.

VOC free.

Tile Thickness: 1/4 in (6 mm).

Tile Size: 2’-0” x 6” (610 x 152 mm).

Color Configuration: [4-Color] [5-Color] [\_\_\_\_\_ (insert custom option)].

Color 1: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 2: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 3: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 4: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 5: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Trim: [End-of-Run Trim] [and] [Outside Corner Trim] [None].

Mounting Method: Wallcovering adhesive.

Properties:

NRC (ASTM C423): 0.20.

SAA (ASTM C423): 0.21.

Colorfastness to Light Class: 4–5 (40 hours).

Colorfastness to Crocking: Class 3–4 (wet), Class 4–5 (dry).

Environmental: Oeko-Tex Standard 100 Certified Product Class II (100% Wool Design Felt), Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt), Greenguard certified (Cork Composite).

* + - * 1. Tile System: 100% Wool Design Felt and Cork Composite Backing.

Basis-of-Design: Index Dimensional by FilzFelt, www.filzfelt.com/index-dimensional

Materials:

Felt: 100% Wool Design Felt, 100 percent biodegradable.

Substrate: Cork composite, 3 percent pre-consumer recycled content.

Contains no formaldehyde, chemical irritants, or harmful substances.

VOC free.

Tile Thickness: 5/16 inch (8 mm).

Tile Size: 2’-0” x 6” (610 x 152 mm).

Color Configuration: [1-Color] [2-Color] [3-Color] [4-Color] [\_\_\_\_\_ (insert custom option)].

Color 1: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 2: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 3: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 4: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Trim: [End-of-Run Trim] [and] [Outside Corner Trim] [None].

Mounting Method: Wallcovering adhesive.

Properties:

NRC (ASTM C423): 0.20.

SAA (ASTM C423): 0.21.

Colorfastness to Light Class: 4–5 (40 hours).

Colorfastness to Crocking: Class 3–4 (wet), Class 4–5 (dry).

Environmental: Oeko-Tex Standard 100 Certified Product Class II (100% Wool Design Felt), Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt), Greenguard certified (Cork Composite).

* + - * 1. Tile System: 100% Wool Design Felt and Cork Composite Backing.

Basis-of-Design: Index Linear by FilzFelt, www.filzfelt.com/index-linear

Materials:

Felt: 100% Wool Design Felt, 100 percent biodegradable.

Substrate: Cork composite, 3 percent pre-consumer recycled content.

Contains no formaldehyde, chemical irritants, or harmful substances.

VOC free.

Tile Thickness: [1/4 inch (6 mm).] [5/16 inch (8 mm).]

Tile 2 Width: 2 in (51 mm).

Tile 4 Width: 4 in (102 mm).

Tile 6 Width: 6 in (152 mm).

Tile 8 Width: 8 in (203 mm).

Tile 10 Width: 10 in (254 mm).

Tile 12 Width: 12 in (305 mm).

Tile Length: \_\_\_\_\_ (insert desired length up to 9’-0” (2.7 m)).

Color Configuration: [1-Color] [2-Color] [3-Color] [4-Color] [\_\_\_\_\_ (insert custom option)].

Color 1: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 2: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 3: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 4: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Trim: [End-of-Run Trim] [and] [Outside Corner Trim] [None].

Mounting Method: Wallcovering adhesive.

Properties:

NRC (ASTM C423): 0.20.

SAA (ASTM C423): 0.21.

Colorfastness to Light Class: 4–5 (40 hours).

Colorfastness to Crocking: Class 3–4 (wet), Class 4–5 (dry).

Environmental: Oeko-Tex Standard 100 Certified Product Class II (100% Wool Design Felt), Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt), Greenguard certified (Cork Composite).

* + - * 1. Tile System: 100% Wool Design Felt and Cork Composite Backing.

Basis-of-Design: Index Solid by FilzFelt, www.filzfelt.com/index-solid

Materials:

Felt: 100% Wool Design Felt, 100 percent biodegradable.

Substrate: Cork composite, 3 percent pre-consumer recycled content.

Contains no formaldehyde, chemical irritants, or harmful substances.

VOC free.

Tile Thickness: 1/4 in (6 mm).

Tile Size: 2’-0” x 6” (610 x 152 mm).

Color Configuration: [1-Color] [2-Color] [3-Color] [4-Color] [\_\_\_\_\_ (insert custom option)].

Color 1: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 2: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 3: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 4: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Trim: [End-of-Run Trim] [and] [Outside Corner Trim] [None].

Mounting Method: Wallcovering adhesive.

Properties:

NRC (ASTM C423): 0.20.

SAA (ASTM C423): 0.21.

Colorfastness to Light Class: 4–5 (40 hours).

Colorfastness to Crocking: Class 3–4 (wet), Class 4–5 (dry).

Environmental: Oeko-Tex Standard 100 Certified Product Class II (100% Wool Design Felt), Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt), Greenguard certified (Cork Composite).

* + - * 1. Tile System: 100% Wool Design Felt and Cork Composite Backing.

Basis-of-Design: Index Wide by FilzFelt, www.filzfelt.com/index-wide

Materials:

Felt: 100% Wool Design Felt, 100 percent biodegradable.

Substrate: Cork composite, 3 percent pre-consumer recycled content.

Contains no formaldehyde, chemical irritants, or harmful substances.

VOC free.

Tile Thickness: 5/16 inch (8 mm).

Tile Size: 3’-0” x 1’-0” (914 x 305 mm).

Color Configuration: [1-Color] [2-Color] [3-Color] [4-Color] [\_\_\_\_\_ (insert custom option)].

Color 1: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 2: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 3: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Color 4: [As selected from manufacturer's standard colors] [\_\_\_\_\_\_ (insert color)].

Trim: [End-of-Run Trim] [and] [Outside Corner Trim] [None].

Mounting Method: Wallcovering adhesive.

Properties:

NRC (ASTM C423): 0.20.

SAA (ASTM C423): 0.21.

Colorfastness to Light Class: 4–5 (40 hours).

Colorfastness to Crocking: Class 3–4 (wet), Class 4–5 (dry).

Environmental: Oeko-Tex Standard 100 Certified Product Class II (100% Wool Design Felt), Meets VOC test limits for the CDPH v1.2 method (100% Wool Design Felt), Greenguard certified (Cork Composite).

1. EXECUTION
   * + 1. EXAMINATION
          1. Examine existing conditions to determine that they are suitable for installation. Proceed with installation only when unsatisfactory conditions have been corrected.
       2. INSTALLATION
          1. Clean substrates of projections and substances detrimental to application.
          2. Install units in accordance with manufacturer's instructions, approved submittals, and in proper relationship to adjacent construction.
       3. ADJUSTING AND CLEANING
          1. Adjust units for proper position, uniform appearance and operation.
          2. Clean exposed and semi-exposed surfaces using materials acceptable to manufacturer.

END OF SECTION