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BEDFORD

ACOUSTICALS FOR VERTICAL SURFACES

Wallcoverings • Panels • Exhibits

A dimensional wallcovering that offers excellent acoustical properties, unmatched fade resistance, and a fire/smoke retardant Class A rating. With the aesthetic appearance of wallcarpet, it is lightweight and as easy and inexpensive to install as conventional wallcoverings. Bedford is moisture resistant, mildew, rot, and bacteria resistant, and is non-allergenic.

- *UL classification: Only non-woven acoustical product to carry the UL label.*
- *Passes Corner Burn- UBC 8-2/ NFPA 265*
It is the standard test method for evaluating room fire growth contribution of Textile Wallcovering.
- *100% Polyester staple fiber. High strength fibers which are resistant to shrinking and stretching. Highly durable.*
- *Easy to clean and maintain.*
- *Fiber does not absorb moisture.*
- *Solution dyed. Resists sun, fading - colors are fast to most destructive agents.*
- *Acoustical qualities. NRC rating - ASTM C 423 - .60*
- *Velcro compatible.*
- *Pre-trimmed for ease of installation.*

USAGE AREAS

DESIGNERS	HEALTH CARE	HOSPITALITY	CORPORATE	INSTITUTIONAL	ENTERTAINMENT
•Commercial Interiors Market	•Retirement Facilities •Nursing Homes •Hospitals	•Ball Rooms •Conference Rooms •Meeting Rooms	•Executive Conference Rooms •General Offices	•Schools(Auditorium) •Government & Mass Trans. Buildings	•Theatres •Recreational Centers

Acoustical Panels • Tack Boards • Elevators • Ceiling Tiles • Nursing Stations • Office Partitions • Chair Rails

SPECIFICATIONS

CONTENT	BACKING	WEIGHT	WIDTH	ROLL SIZE	FLAMMABILITY
FOSSFIBRE® 100% solution dyed polyester staple fiber	Fusible clear latex	23 ounces / face weight	54"	33 yards	Passes UBC #42-2 Class A/ASTM E-84

Bedford has been tested for toxicity in accordance with the Pittsburgh Protocol and is no more toxic than wood (LA₅₀ method).
New York City MEA Registration #277-90M. New York DOS Registration #09975-92085-4005

UNDERWRITERS LABORATORIES INC.
CLASSIFIED WALLCOVERING SURFACE BURNING CHARACTERISTICS
Applied to inorganic reinforced cement board with Sairmix-7 super duty high temperature mortar at an application rate of 55 square feet per gallon

Flame Spread
15

Smoke Developed
15

NOTE: The numerical flame spread rating and other test results referenced herein are not intended to reflect hazards presented by this or any other material under actual fire conditions.

NRC
(ASTM C-423)
.60 over acoustical board
.20 over gypsum board

MOISTURE REGAIN
(ASTM D-2654)
.03%

COLOR FASTNESS TO CROCKING
(AATCC-8)
Dry - Excellent, Wet - Excellent

COLOR FASTNESS TO LIGHT
(AATCC-16A)
100 hours

ABRASION RESISTANCE
(ASTM D-3597 MOD)
Voluntary Prod. TS198
Full Commercial Serviceability

THERMAL PROPERTIES
(tested per ASTM C-177)
Thermal Conductance (C) 1.68
Thermal Resistance .595

ELECTROSTATIC PROPERTIES
(Test Method AATCC 134-1975)
Scuffing .05N
Method Voltage
Stepping .04N

Installation and maintenance instructions are enclosed with every Bedford shipment and should be carefully read prior to installation. For best results, it is recommended that a qualified textile wallcovering installer be employed.

Division 9
Finishes

Section 09960: Acoustical Fabric Wallcovering

Part 1 General:

1.01 DESCRIPTION

- A. Scope: Provide acoustical fabric wallcovering (AWC), as scheduled, indicated on drawings and specified herein.**
- B. Prepare: All surfaced to receive AWC. Clean and dry the surfaces, and smooth out any uneven areas.**
- C. The General Conditions, the Supplementary General Conditions, and the General Requirements are a part of the requirements of this section.**

Part 2 PRODUCTS

2.01 Materials:

Manufacturer: BEDFORD[®] by Hytex Industries, Inc.
58 York Avenue, Randolph, MA 02382

Flammability: All AWC shall meet the following minimum specifications for flammability.

- 1. Flame Spread Rate of 15 or less.**
- 2. Smoke Developed Factor of 15 or less.**
- 3. Pass UBC 8-2 Full-Scale Corner Burn protocols**
- 4. Meet Toxicity requirements per the Pittsburgh Protocol and be “no more toxic than wood”.**

Fabric shall be manufactured by needlepunch process with 100% Fossfiber[®] polyester staple fibers.

- 1. Face Fiber: 15 ounces per square yard polyester staple fiber, solution- dyed.**
- 2. Backing: Fusible clear latex backcoating.**
- 3. AWC Pile Height: 0.20”+/- .010”.**
- 4. Face Texture: Needle punched structure of 7 ribs per inch.**
- 5. NRC: .20 (ASTM C-423)**
- 6. Roll Length: 99 feet (average)**
- 7. Total Weight: 23 ounces per lineal yard @ 54” width**
- 8. Dye: Solution-dyed. (not piece or fiber dyed)**
- 9. Color: To be selected from manufacturer’s standard color line.**
- 10. Tear Strength: 23 lbs. min. in both warp and fill direction per ASTM D-2261**

- 11. Tensile Strength: 100 lbs. min in both warp and fill direction per ASTM D-1682**
- 12. Adhesive for wallcovering: Apply adhesive as recommended by the adhesive manufacturer for acoustical fabric application.**
- 13. AWC Width: 54". Ribs to run vertical.**

2.02 INSTALLATION

As work progresses, keep surfaces clean of paste and dirt by method recommended by manufacturer. Leave work in clean, first-class condition.

Temperature in building for 48 hours prior to, and during the installation and for 48 hours after completion of the installation shall be at least 70° F. Humidity in the building should not exceed 40% during installation of the fabric to allow adhesive to achieve maximum tackability. A minimum temperature of 55° F. shall be maintained thereafter.

Application:

Substrate: Gypsum wallboard, shall be smooth, level, free from cracks, irregularities, rough spots or indentations. Surface shall be dry, dust free, and sanded prior to installation of wall covering. Report in writing to Contractor any deficiencies in substrate. Start of work by this section implies acceptance of substrate.

Apply with "Gardner Gibson" or other approved adhesive in strict accordance with manufacturer's instructions. Seams: Butted and plumb. Adhesive to be applied to wall using a 3/8" nap roller.