

CUSTOM PANEL SYSTEM – ACCUHINGE®

1. GENERAL

1.1. Scope

Furnish & install Accutrack Upholstered Wall Systems in accordance with finish schedule and architectural drawings.

1.2. Standards

The components of the systems, both individually and as a finished assembly shall have a Class "A" rating in accordance with ASTM E-84.

1.3. Distributed by:

Accutrack Systems, Inc.
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Austell, GA 30188
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1.4. Submittals

A – Submit for approval the following:

- 1.4.1. Installation drawings showing panel layout, location, typical details and special conditions as required by finish schedule and architectural drawings.
- 1.4.2. Manufacturer's Specifications
- 1.4.3. Fire rating certificates for all components.
- 1.4.4. 12" x 12" mock-up of each fabric specified in the finish schedule.

B – Contractor shall provide a five-year limited warranty against defects in materials and workmanship.

1.5. Product Handling

All materials shall be protected before, during and after installation from dirt, dust and the work of other trades.

1.6. Preparation

- A – Space must be enclosed and weather-tight.
- B – All wet work must be completed and dry.
- C – Ambient temperature and humidity must be continuously maintained at levels acceptable for final occupancy of the space.
- D – Adjacent and related work must be completed including millwork, ceiling grid, base, painting, wallcovering, electric work and other miscellaneous finishes..
- E – Unsatisfactory conditions will be documented in writing to the general contractor, architect and representatives of the owner. Installation of the system will not proceed until unsatisfactory conditions have been corrected.

2. PRODUCTS

2.1. Accutrack Upholstered Wall System

A – Accutrack rigid polycarbonate extrusions, available profiles and thickness. Specify:

1. ½" thick with Bevel Edge
2. ½" thick with Square Edge
3. ¾" thick with Bevel Edge
4. ¾" thick with Square Edge
5. 1" thick with Bevel Edge
6. 1" thick with Square Edge
7. 1 ½" thick with Bevel Edge
8. 1 ½" thick with Square Edge
9. 2" thick with Bevel Edge
10. 2" thick with Square Edge

B – Standard acoustical infill 6 lb. density compressible, fire retardant fiberglass. Available in ½", ¾", and 1" thickness.

1. ½" thick fiberglass – NRC .55
2. ¾" thick fiberglass – NRC .65
3. 1" thick fiberglass – NRC .80
4. 1 ½" thick fiberglass – NRC .95
5. 2" thick fiberglass – NRC 1.05

C – Optional tackable infill 23 lb. density, fire compressible, fire retardant mineral fiberboard.

1. Available in ½" and ¾" thickness
2. Add suffix "T" to indicate tackable infill.
3. May be specified in conjunction with standard acoustical infill in selected areas.

D – Optional impact resistant, 25 lb. density, fire retardant, compressed fiberglass overlay – 1/8" thick.

E – Optional "Soft Touch" panel 25 lb. density, fire retardant, mineral core fiberboard with ½" compressible fire retardant polyester fiberfill overlay.

G – All corners to be reinforced with locking nylon corner keys.

2.2. Alternates will not be acceptable.

3. EXECUTION

3.1. Installation

A – Accutrack will be installed by a licensed installation company trained by the manufacturer.

B – Field measure and layout each wall to receive upholstered wall system as shown on plans, elevations and finish schedule.

C – All installations must be Field Site Installed.

D – Install Accutrack to create individual panels as required. Panels shall be plumb and straight.

E – Install infill material as required. Infill shall be smooth and free from bumps and protrusions. Infill material shall be flush with face of Accutrack extrusions.

F – Cut fabric from roll and mark top of panel in numerical sequence

G – Fabric shall be stretched taut and smoothly over the system and securely fastened in the system. Fabric shall be plumb and free of flaws and defects.

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H – Wallplates and other obstructions shall be shimmed to the same plane as the finished system.

3.2. Cleanup and Protection

- A – Vacuum all exposed fabric surfaces.
- B – Trim and remove all loose threads.
- C – Remove all excess materials, rubbish, and debris from installation and leave in neat, clean and orderly condition.
- D – Cover all fabric panels with protective sheeting until space is ready for occupancy.

4. FABRICS

- A – Manufacturers standard or customer's own materials.
- B – All fabrics shall be approved by contractor to insure suitability.
- C – All light color and transparent fabrics may require a fabric liner.
- D – The following information shall be submitted by the architect for each fabric specified.
 - 1. Fabric Manufacturer
 - 2. Width of fabric
 - 3. Content
 - 4. Pattern
 - 5. Style
 - 6. Color
 - 7. Source
- E – All fabrics should be treated with a stain-resistant finish.

5. WARRANTY

Provide Five Year Limited Warranty against defects in materials and workmanship.