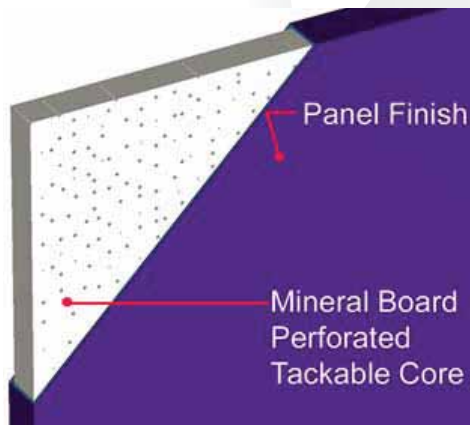


TK / AC ACOUSTICAL PANELS



APPLICATION

Wall Technology's TK / AC Series is an economical, lightweight tackable panel with moderate sound absorption and blocking capabilities. They are ideal for display areas, meeting rooms, school rooms or in any place that requires tackability and moderate sound absorption at a value.

CONSTRUCTION

TK / AC Series panels are a single core construction of high-density perforated mineral fiberboard, 1/2" or 5/8" thick. Finishes are completely adhered to the face of the panel and returned to the back for a full finished edge. All corners are fully tailored.

SIZE AVAILABILITY

Available thicknesses are 1/2" and 5/8" (3/4" nominal). Custom sizes are available up to 48" x 120" (nominal). Standard tolerance is $\pm 1/16$ ".

EDGE DETAIL

Available choices include: square, radius, bevel, miter, kerf or custom. Radius corners are also available.

FINISH

A wide variety of fabrics are available from all major brands, including Guilford, Maharam, Knoll, Carnegie, and Designtex. A comprehensive selection of vinyl coverings is available from Webcore, Designtex and Maharam.

MOUNTING

Standard mountings include perimeter adhesive, hook & loop, Z-clip plates and concealed splines.

EXCELLENT ACOUSTICAL PERFORMANCE

TK / AC Acoustical Wall Panels provide optimal acoustical performance for meeting areas and schoolrooms, where a combination of moderate sound absorption and sound blocking is required.

TK / AC fabric and vinyl wrapped panels have been tested for their acoustical performance in accordance with ASTM C-423 with Type A mounting:

Thickness	NRC
5/8" Fabric	.35
5/8" Vinyl	.35

Thickness	STC
5/8" Core	26

1/2" core is not perforated and therefore is not rated for NRC; Noise Reduction Coefficient.

FIRE PERFORMANCE

Each component has been tested according to ASTM E 84* and has a **Class I/A rating**.

RECYCLED CONTENT

TK / AC Acoustical panels utilize a mineral board core containing 50% recycled content comprised of 18% post-consumer and 32% pre-consumer materials.

And for your LEED® project, our acoustical panels can help you qualify for recycled content points under the Materials and Resources section. Other LEED® categories may also apply depending upon the project requirements.

3-YEAR

3-YEAR WALLS AND CEILINGS

TK / AC Acoustical Panels have a limited 3-year warranty starting from date of purchase. The panels are warranted to be free from defects in material and workmanship.

See product warranty for details and limitations.

*The ASTM E 84 standard should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment, which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

TK / AC ACOUSTICAL PANELS— SPECIFICATIONS

PART 1 GENERAL

- 1.1 Work in this section shall be subject to drawings, general conditions, schedules, addenda and other contract documents.
- 1.2 The extent of the acoustical panels is shown on the drawings and in the schedules.
- 1.3 Submit _____ (select quantity) samples of each type of acoustical panel as shown on the drawings and in schedules and include appropriate technical information including test data and maintenance instructions. Submit _____ (select quantity) fabric selector cards from manufacturer's standard finishes, or designer specified finishes.
- 1.4 Acoustical panels shall be installed according to manufacturer's recommendations and instructions.
- 1.5 Installation of acoustical panels shall not begin until all wet work (plastering, concrete, etc.) is completed and dry. Building shall be properly enclosed and under standard occupancy conditions (temperature of 60-85° F and not more than 70% relative humidity) before installation begins.
- 1.6 The contractor shall be responsible for the examination and acceptance of all surfaces and conditions prior to the acoustical panel installation.
- 1.7 Substitutions or changes will only be permitted by prior approval by the architect.

PART 2 MATERIALS

- 2.1 Acoustical wall panels shall be Wall Technology Type:TK / AC Series Acoustical Wall Panels as manufactured by Wall Technology, Inc. / 800 Gustafson Road / Ladysmith, WI 54848. Phone (800) 359-3312 / Fax (800) 359-0106.
- 2.2 Acoustical Panels shall have a single core construction of dimensionally stable Mineral Fiber Board of not less than 22 pcf density, and not more than 0.1% hygrometric expansion from 50% to 90% R.H. Thickness is either ½" or 5/8".

- 2.3 Sizes: _____ width and _____ high or as shown on drawings. Maximum size is 48" wide x 120" high (nominal). Custom sizes available; consult manufacturer. Panels are to be manufactured according to field dimensions supplied by the installing contractor. Standard tolerances are $\pm 1/16$ " in width and length.
- 2.4 Edge profile shall be: Square, radius, half-bevel, miter, kerf or custom _____ (specify). Corner detail shall be: Square or radius.
- 2.5 Panel finish shall be _____ (specify finish manufacturer; pattern, color and specifier). Finish shall be applied directly over the face and edges of the panel and returned to the back of the panel to provide a full finished edge. All corners are fully tailored.
- 2.6 Mounting shall be: Adhesive No Resin (Perimeter Adhesive), VELCRO®, concealed spline, Z-Clip Plates and Wall Bars. Adhesive, miscellaneous fasteners, (i.e. nails, screws, etc.) and standard continuous wall leveling angle are to be supplied by the contractor.
- 2.7 Acoustical Performance – panels shall have a minimum NRC of _____ (please specify) in accordance with ASTM C-423 (Type "A" Mounting). Note: ½" core is not perforated and therefore not rated for NRC.
- 2.8 Flammability – All panel components shall have a Class "A" fire rating in accordance with ASTM E-84.

Thank you for choosing Wall Technology for your acoustical needs.

The information provided above is correct to the best of our knowledge at time of printing. We reserve the right to make changes without prior notification.

DISCLAIMER OF LIABILITY

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