



## ACOUSTECH™ HIGH IMPACT

### KEY FEATURES

- Tackable Face that is Abuse Resistant and Extremely Durable
- Dual-Density Core Engineered for Exceptional Low Frequency Absorption and Added Benefit of High Impact Resistance
- Lightweight Systems for Ceiling & Wall Installations
- Wide Selection of Standard Colors, Prints, Textures & Finishes
- Decorative Fabric Facings from Guilford of Maine as well as Designer Selections from Maharam, Carnegie, DesignTex, Knoll, & More!
- Custom-Printed Digital Imaging Available
- Standard and Custom Sizes & Shapes Available
- Easy to Install with Fully-Concealed Mounting Hardware Included
- LEED Credit Eligibility With Installation of These Products
- Indoor Air Quality (IAQ) & Low VOC Meets GREENGUARD Children & Schools Certification and California Title 24
- Low VOC Emissions per CDPH Standard Method

\* Standard materials have dimensional and weight variations. Calculations are approximate and represent material averages to the best of our knowledge.

### TECHNICAL FEATURES

- **Core:** 6-7 PCF Fiberglass
- **Core Facing:** 1/8" 14-16 PCF High Density PET
- **Thickness:** 5/8", 7/8", 1 1/8", 1 5/8", 2 1/8", 3 1/8", 4 1/8"
- **Sizes:** Any Size Up to 48" x 120"
- **Special Sizes & Shapes:** Available Upon Request
- **Edge Profile:** Square, Bevel, Radius, Miter, Others Available Upon Request
- **Fabric:** Decorative Fabric Facings, Designer Selection or C.O.M.  
**Standard:** Guilford FR701-2100 Series / **Premium:** Guilford Anchorage 2335
- **Fasteners:** Z-Clip, Z-Bar, Impaling, Hook & Loop
- **Dimensional Tolerance:** +/- 1/16" (.0625")
- **Fire Performance:** Class 1/A, UL 723 / ASTM E84

### ACOUSTICAL DATA

| Acoustical Performance - Absorption Coefficients |              |      |      |      |      |      |      |      |
|--------------------------------------------------|--------------|------|------|------|------|------|------|------|
| Frequency (Hz)                                   |              | 125  | 250  | 500  | 1K   | 2K   | 4K   | NRC  |
| ATP 1.1                                          | 1 1/8" Panel | 0.08 | 0.49 | 0.92 | 1.13 | 1.12 | 1.06 | 0.90 |
| ATP 1.6                                          | 1 3/8" Panel | 0.25 | 0.85 | 1.15 | 1.11 | 1.05 | 1.01 | 1.05 |
| ATP 2.1                                          | 2 1/8" Panel | 0.37 | 0.96 | 1.14 | 1.15 | 1.16 | 1.13 | 1.10 |
| ATP 3.1                                          | 3 1/8" Panel | 0.71 | 1.15 | 1.18 | 1.17 | 1.09 | 1.04 | 1.15 |
| ATP 4.1                                          | 4 1/8" Panel | 0.85 | 1.15 | 1.18 | 1.17 | 1.11 | 1.03 | 1.15 |

### LEED CREDITS

- Schools EQ Prerequisite 3 & Credit 9
- MR 4.1 & 4.2
- MR 5.1 & 5.2
- IEQ 4.1 & 4.2
- Innovation in Design (ID)
- Low VOC Emissions per CDPH Std. Method

### WARRANTY

AVL Systems' *Limited Warranty* extends for ONE FULL YEAR from the original date of shipment.

**58% TOTAL RECYCLED CONTENT\***  
31% Pre-Consumer Recycled  
27% Post-Consumer Recycled