

# ACOUSTICAL SUBSURFACE

ACCUTRACK Stretched Fabric Panels, Baffles, Tackboards, and Upholstered Wall Systems utilize molded fiberglass boards as a subsurface for all acoustical applications.

Acoustical Board is a thermal and acoustical insulation product made from inorganic glass fibers pre-formed into boards bonded by a thermosetting resin. The board is manufactured with a smooth surface on one side and is precision cut with a 1/16" tolerance in thickness, ensuring perfect alignment within the ACCUTRACK framework.

## ACOUSTICAL FIBERGLASS PHYSICAL PROPERTIES

Meets Class A Surface Burning Characteristics per ASTM E 84

Flame Spread 25

Smoke Developed 50

### ACOUSTICAL COEFFICIENTS-TYPE A MOUNTING<sup>1</sup>

Density	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
6PCF	½"	0.05	0.16	0.41	0.76	0.92	0.94	0.55
6PCF	¾"	0.05	0.25	0.58	0.87	0.98	0.96	0.65
6PCF	1"	0.19	0.32	0.71	0.98	1.1	0.98	0.8
6PCF	1½"	0.14	0.6	0.97	1.09	1.09	0.98	0.95
3PCF	2"	0.18	0.59	1.03	1.14	1.06	0.99	0.95
6PCF	2"	0.22	0.79	1.05	1.17	1.12	1	1.05
Composite <sup>2</sup>	1"	0.15	0.5	1	1	0.97	0.9	0.86

<sup>1</sup> Tested in accordance with ASTM C 243

<sup>2</sup> Composite Board Is ½" 18 PCF fiberglass laminated to ¾" 3 PCF fiberglass for use as an impact resistant or tackable subsurface

Moisture Absorption: ASTM C 533 less than 3% by weight

Mold Growth: ASTM C 665 will not provide sustenance

Corrosiveness: ASTM C 665 will not cause corrosion of aluminum, steel or copper.