Acoustic Room Kit

BY ALL NOISE CONTROL

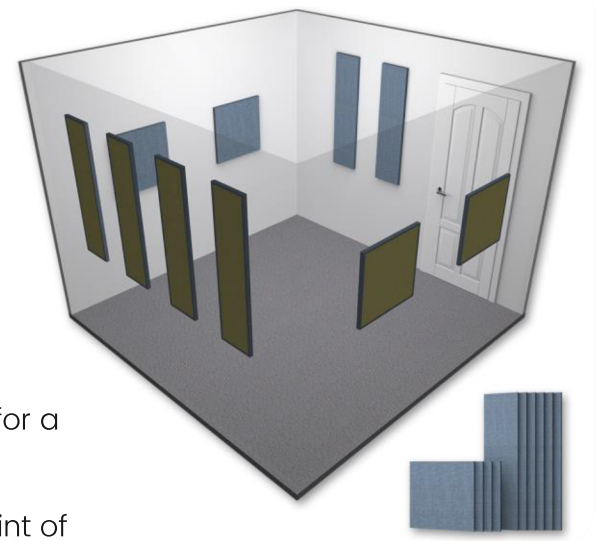
Noise Control Acoustic Panel Kit to create room kits for a small (10" x 10"), medium (10" x 15") or large (20" x 20") rooms.

As a DIY (do it yourself) solution, the square footage of sound absorbing material in each kit is calculated to meet the needs of the room size specified to help lower sound intensity and improve speech intelligibility.

Each panel is wrapped with industry standard Guilford of Maine FR701 Style 2100 acoustically transparent fabric and ships complete with the basic mounting hardware to install direct to the wall.

Noise Control Acoustic Room Kit is a quick and easy solution for a variety of applications including offices, conference rooms, home entertainment, teleconferencing, videoconferencing, broadcast and recording studios, restaurants or anywhere that needs a quick and effortless acoustical solution.

Features:



- Three Kits and 84 color choices
- Kits ship in 3-4 weeks
- Quick and easy Installation
- Reduces reverberation and echo
- Improves speech intelligibility

Configurations:

- Small Room Kit: Contains (6) 1" x 4" x 1", (4) 2" x 2" x 1" panels for a footprint of approximately 100 square feet (10" x 10")
- Medium Room Kit: Contains (8) 2" x 4" x 1" panels for a footprint of approximately 150 square feet (10" x 15")
- Large Room Kit: Contains (8) 2" x 4" x 1", (8) 2" x 2" x 1" panels for a footprint of approximately 400 square feet (20" x 20")

Technical Information:

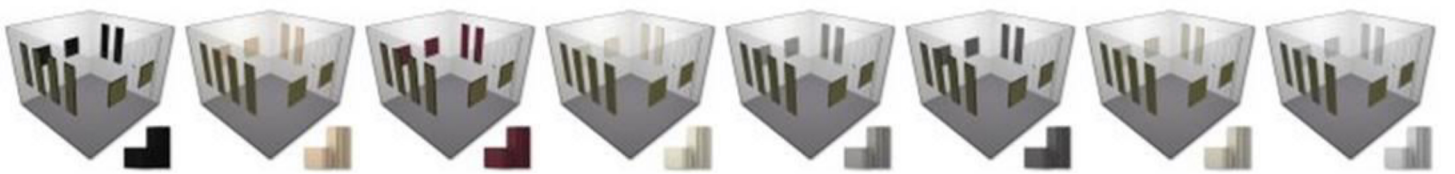
- Panel Sizes (nominal): 1" x 4", 2" x 4", 2" x 2"

- Actual Panel Sizes:

1’ x 4”: 12 x 47-1/2”
2” x 2”: 23-3/4” x 23-3/4”
2“ x 4”: 23-3/4“ x 47-1/2”

- Thickness: 1”
- Core: 6-7 pound per square foot density acoustical substrate
- Fabric Finish: Guilford of Maine FR701 Style 2100 (10 Colors)
- Natural Square Edge
- Mounting options:
- Angled Impaling clips, drywall anchors and screws (Included)
- Mounting with adhesive is optional (Not included)
- Class A Fire Rated
- NRC: 0.85

Sound Absorption (Hz)							
Thickness	**125**	**250**	**500**	**1000**	**2000**	**4000**	**NRC**
1”	0.14	0.27	0.80	1.11	1.14	1.14	**0.85**



NOISE CONTROL	OTHER COMPETITORS
• **Guilford FR701 Fabric Finish** • **Excellent for Acoustics** • **Fire Rated** • **100% recycled content** • **USA Made** • **Bonded to acoustic core for durability and longevity**	• Basic fabric or no fabric finish • Unknown acoustic value • May not be Fire Rated • Non-recycled content • Often sourced from other countries • Often stapled, causing fabric to pucker, sag or unravel
Acoustical Core	
• **High Density (6-7 PCF) Fiberglass** • **Fire Rated** • **Superior Sound Absorption** • **Scrim faced acoustic board increases fabric adhesion and prevents color bleed** • **Holds shape and appearance, no frame required**	• Unknown or various acoustical cores • May not be Fire Rated • Unknown acoustical value • Loose filled cores, like mineral wool or recycled cotton, may compress vertically over time
Installation	
• **Necessary hardware and drywall screws are included** • **No trips to the hardware store**	• May require purchase of adhesive or other hardware to install

Technical Data Sheet

Noise Control Acoustic Room Kit

DESCRIPTION

Noise Control Acoustic Room Kit uses the building blocks of the Acoustic Panel Kit to create room kits for a small (10'x10'), medium (10'x15') or large room (20'x20'). The square footage of sound absorbing material in each kit is calculated to meet the needs of the room size specified and helps lower sound intensity and improve speech intelligibility.

Each panel is wrapped with industry standard Guilford of Maine FR701 Style 2100 acoustically transparent fabric and ships complete with the basic mounting hardware to install direct to the wall.

These acoustical panel kits are a quick and easy solution for a variety of applications including Offices, Conference Rooms, Home Entertainment, Teleconferencing, Videoconferencing, Broadcast and Recording Studios, or anywhere that needs a quick and effortless acoustical solution.

TECHNICAL INFORMATION

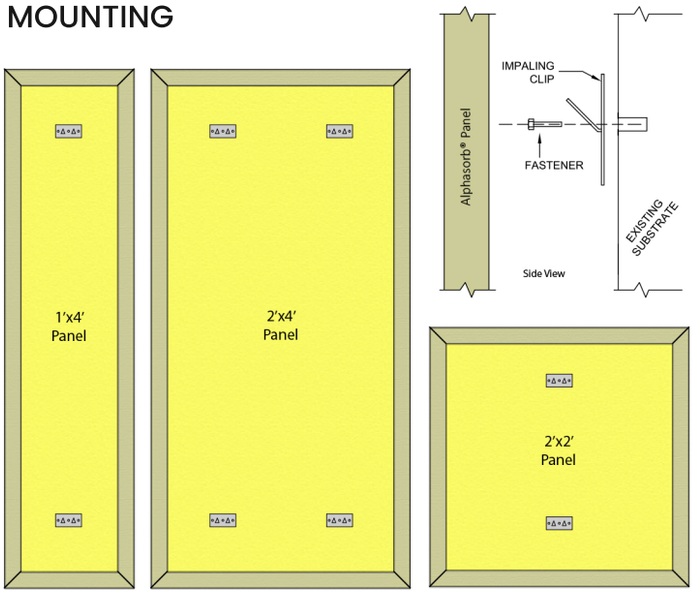
Small 10'x10' Room Kit: approx. 100 sq. ft. footprint (6) 12" x 47-1/2" x 1", (4) 23-3/4" x 23-3/4" x 1" panels

Medium 10'x15' Room Kit: approx. 150 sq. ft. footprint (8) 23-3/4" x 47-1/2" x 1" panels

Large 20'x20' Room Kit: approx. 200 sq. ft. footprint (8) 23-3/4" x 47-1/2" x 1", (8) 23-3/4" x 23-3/4" x 1" panels

THICKNESS:	1"
MATERIALS:	6-7 pound per square foot density acoustical substrate
FINISH:	Guilford of Maine FR701 Style 2100
COLORS:	10 color choices
EDGE DESIGN:	Natural Square Edge
MOUNTING:	Angled Impaling Clips
FIRE RESISTANCE:	Class A
NRC:	0.85

MOUNTING



SOUND ABSORPTION						
125 Hz	**250 Hz**	**500 Hz**	**1000 Hz**	**2000 Hz**	**4000 Hz**	**NRC**
0.14	0.27	0.80	1.11	1.14	1.14	0.85

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