



**Silent Designs™** is a high performance acoustical material made from recycled cotton. This product is ideal for noise control applications. Silent Designs can be used as an acoustic wall panel or hanging baffle. Common applications are school gyms, classrooms, lunch rooms and any application where a high performance noise control product is needed. Silent Designs can help contribute to a building achieving LEED™ credits, is Class A fire rated and 100% recyclable.

- Recycled Cotton Construction
- Class A – Non-Flammable (Per ASTM E-84)
- Lightweight
- Impact Resistant
- Durable
- Affordable
- High Light Reflectance
- High Acoustical Absorption
- Easy to Install (can be applied with adhesive)
- Relocatable (with Grommets)

**Applications:** Bonded Acoustical Cotton panels are ideally suited for use in school gymnasiums, cafeterias, classrooms, churches, multi-purpose rooms, community centers and more.

**Sizes:** Standard Size – 2' x 4'  
Also available in 12" x 12", 2' x 2', 4' x 4' and 4' x 8'  
(Minimum quantities may apply, please call for details)

**Densities:** 3lb per cubic ft – 1" & 2" thickness panels  
6lb per cubic ft – 1" thickness panels

**Colors:** White, Marble Light Blue, Light Grey, Beige\*, Graphite, Pure Blue, Navy Blue, Burgundy, Hunter Green and Black



**Please note:** Extensive precautions are taken during the manufacturing process to maintain color consistency. These products can be subject to dye lot variations and slight surface blemishes including flecks and specks, Please confirm visual requirements and standards prior to ordering.

All sizes are nominal and are subject to manufacturing tolerances that may vary  $\pm 1/8"$ . Site adjustments by the installer may be required to achieve an exact fit. Site and environmental conditions can impact the installation. Materials can expand and contract with temperature variations. Lighting can impact the visual aesthetic. Pay careful attention to pattern matching and directional materials during installation.



**Acoustical Performance**

Silent Designs™ WALL PANEL – Sound Absorption Coefficients								
Avg.	Mount	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
1" – 3lb/cf	A	.08	.31	.79	1.01	1.00	.99	.80
2" – 3lb/cf	A	.35	.94	1.32	1.22	1.06	1.03	1.15
1" – 6lb/cf	A	.07	.30	.86	1.10	1.05	1.03	.85

Silent Designs™ BAFFLE – Sound Absorption Coefficients							
Avg.	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	Sabins/ Avg
1" - 2' x 4'	2.43	4.93	8.34	12.35	15.57	16.73	10.30
2" - 2' x 4'	2.40	6.55	12.86	17.46	18.49	16.77	13.85

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