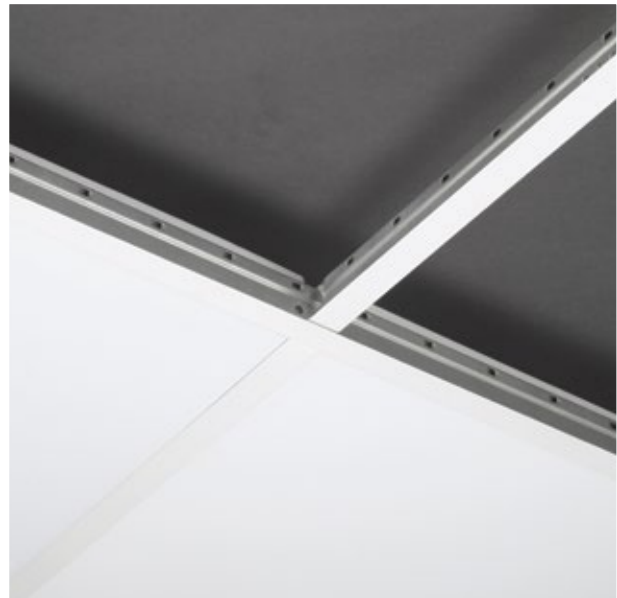
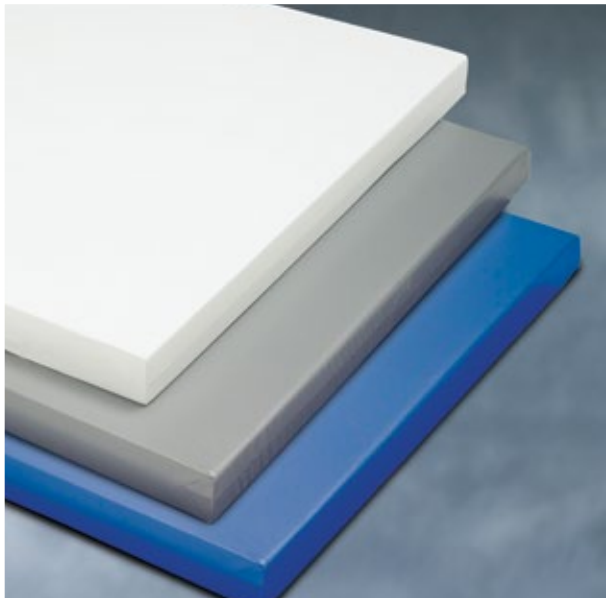




SONEX® Clean Baffles, Panels and Ceiling Tiles

Product Information



SONEX® Clean products are designed for environments that require excellent noise control across all sound frequencies using washable acoustic materials. Suitable for direct-apply, glue-up, suspended ceiling panel and baffle applications, the products are fully encapsulated in FR taffeta vinyl for efficient cleaning and long-lasting durability. SONEX Clean products meet USDA/FDA requirements.

>> | Advantages

- Superior sound absorption minimizes reverberation and echo
- FR Taffeta vinyl is available in 17 standard colors
- Naturally resistant to mold, fungus and bacteria growth, Sonex clean products can withstand high heat and humidity

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Product Information

Material

- Made from ASTM E 84 Class A, CAN ULCS-102 fire rated, light-weight, non-fibrous WILLTEC® expanded melamine foam core
- Fully encapsulated in FR taffeta vinyl
- Reseal tape is included

Sizes

- Direct-apply, glue-up panels: 24" x 48" x 2" (610 x 1219 x 51 mm)
- Suspended ceiling panels: 23-3/4" x 23-3/4" x 2" or 23-3/4" x 47-3/4" x 2" (603 x 603 x 51 or 603 x 1213 x 51 mm)
- Suspended baffles: 26" x 48" x 2" (660 x 1219 x 51 mm) includes 2" (51 mm) top tab height

Application

- Clean rooms, scientific and medical research labs
- Aerospace and optics manufacturing facilities
- Bottling and food processing plants
- Commercial kitchens
- Indoor swimming pools

Installation

Direct-Apply, Glue-Up Panels

- Use PA-02 or PA-03 acouSTIC adhesive, mock-up to test for best adhesion recommended
- SONEX Clean resealing tape available for cut-to-fit panel conditions onsite

Suspended Ceiling Panels

- Fits within most standard 15/16" (24 mm) ceiling grid system

Suspended Baffles

- Produced with integral grommets along top tabs to easily loop suspension wire through

Physical Data—WILLTEC® Core

Material ASTM G21	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cu. ft. (ASTM D3574-77)
Long-Term Service Temperature	302° F (150° C)
Fire Resistance	Class 1 per ASTM E 84 Meets UL 1715, CAN ULCS-102 (WILLTEC natural)
Flame Spread per ASTM E 84	Natural: 5
Smoke Density per ASTM E 84	Natural: 50
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21



Sound Absorption—Ceiling Tiles

Thickness	Test ASTM C423-07; Mounting Type E						
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
2" (51 mm)	0.57	0.67	0.91	0.90	0.43	0.19	0.75

Sound Absorption—Wall Panels

Thickness	Test ASTM C423-07; Mounting Type A						
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	NRC
2" (51 mm)	0.18	0.75	1.21	0.82	0.40	0.25	0.80

Sound Absorption—Baffles

Thickness	Sabins per Baffle per ASTM C423-07; Hanging Baffle						
	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	Average
2" (51 mm)	1.88	5.23	10.33	11.84	5.33	2.99	8.20