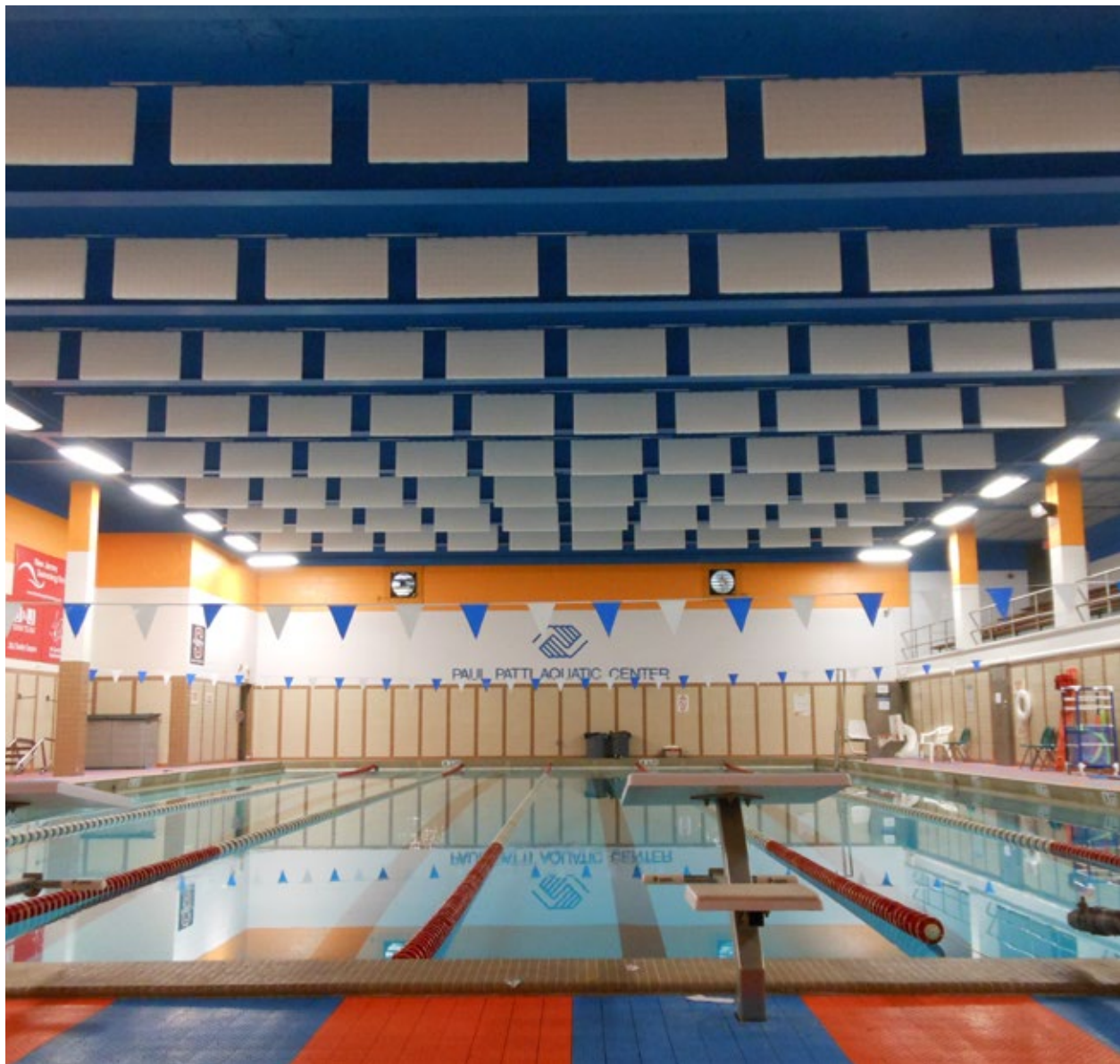


SONEX® Valueline Baffles

Product Information



Omni-directional, softly sculpted surface pattern SONEX® Valueline Baffles provide superior sound absorption and produce subtle, ever-changing shadow and light play effects about suspended ceiling applications. SONEX Valueline Baffles are made from ASTM E 84 Class A, CAN UCLS-102 fire-rated, lightweight, non-fibrous open-cell expanded melamine WILLTEC® foam. Baffles are readily available in a variety of standard and custom sizes, thicknesses and water-base acoustic finishes. SONEX Valueline Baffles are easy to suspend on site using mild or stainless-steel corkscrew hangers.

>> Advantages

- Excellent acoustic absorption across all sound frequencies
- Lightweight, WILLTEC foam can easily be suspended using typical hanger wire, cable gripper or stretch cable systems
- Naturally resistant to mold, fungus and bacteria growth, baffles withstand high heat and humidity of indoor pools

Material

- Double-sided, omni-directional, softly sculpted surface pattern baffles made from open-cell, natural light grey or white WILLTEC® expanded melamine foam
- Standard water-based acoustic coating color options in arctic white, ivory, beige, light blue, light, medium or dark greys, black and other premium or custom options available; baffles coated on both sides and all edges standard

Sizes

- Typical baffle size: 24" x 48" (610 x 1219 mm) custom size and shape up to 48" x 96" (1219 x 2438 mm)
- Typical thickness: 2" (50 mm) and custom

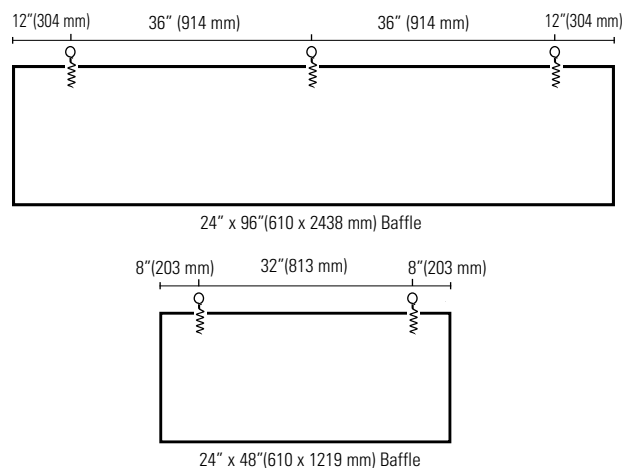
Corkscrew Hangers and Suspension Accessories

- Optional mild and stainless-steel type corkscrews available
- Suspension cable kits available
- 14" (355 mm) length spacers available for horizontal stretch-cable baffle applications

Application

- Large, open, high ceiling areas
- Manufacturing, production and assembly areas
- Indoor swimming pools and spas
- Gymnasiums and sports arenas
- Airports and other transportation facilities
- Cafeterias and breweries
- Music conservatories

Typical Corkscrew Hanger Spacing



Physical Data—WILLTEC® foam

Material	Open-cell melamine-based foam
Density	0.5 to 0.7 lbs./cubic ft. (ASTM D3574-77)
Long-term Service Temperature	302°F (150°C)
Fire Resistance	Class 1 per ASTM E 84 (all finishes) Meets UL 1715 (WILLTEC natural) CAN ULCS-102
Flame Spread per ASTM E 84	Natural: 5 Water-based acoustic coated: 15 CAN ULCS-102
Smoke Density per ASTM E 84	Natural: 50 Water-based acoustic coated: 100
Microbial Growth	Passes UL 181, section 11
Fungus Resistance	Rating 0 per ASTM G21
Finishes	Natural (white or grey) or water-based acoustic coated (standard, premium or custom colors)

Sound Absorption

Finish Thickness	(In sabins) ASTM C423-90a						
	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	Ave.
2" (50 mm) Thick, Natural	1.0	5.4	10.8	16.3	18.7	24.0	12.7