



- Wall-to-wall hanging system saves labor time
- Easy installation
- Baffles reduce noise and reverberation (echo)
- Applications include production areas, gymnasiums, natatoriums and more

## SONEXvalueline™ Baffles

### Product Information

SONEXvalueline Baffles help improve communication and reduce echo/reverberation in large open areas such as production plants, warehouses, gymnasiums and swimming pools.

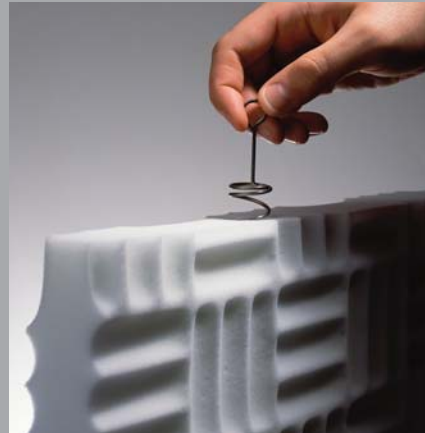
SONEXvalueline Baffles absorb sound energy from multiple sources, reducing noise and reverberation throughout the environment. Made from illbruck's willtec® foam, SONEXvalueline Baffles are Class 1 fire-rated for flame spread and smoke density. Resistant to fungus and microbial growth, they withstand the humid conditions of indoor swimming pools.

SONEXvalueline Baffles are field-fitted with stainless steel corkscrew hangers, making them easy to install over individual workstations or above an entire floor. Wall-to-wall cable installation is completed by sliding baffles into place from one side of the room, allowing activities to continue uninterrupted. Ceiling cable installation allows baffles to be arranged in box-like or crisscross patterns.

Ceiling mount.



Corkscrew hangers installed in the field.



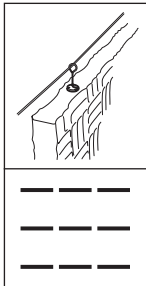
Wall-to-wall cable mount.



### Components

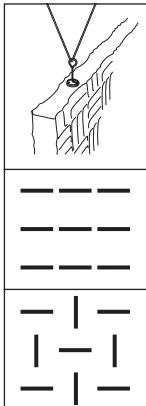
- SONEXvalue™ Baffles (packaged 6 per box, 24" x 48" x 2")
- Stainless steel corkscrew hangers (2 per baffle; included in box)
- PVC spacer bars, each 12" wide (sold separately in increments of 100)
- Installation guide

### Wall-to-Wall Cable Mount Installation



Recommended for large open areas where scaffolding would be disruptive, such as manufacturing floors or pools. Baffles are arranged parallel with each other.

### Ceiling Mount Installation



Baffles hang from ceiling-mounted cables. Baffles can be aligned in the same direction or arranged so that every other baffle is turned 90 degrees. Tests show that baffles arranged in this crisscross pattern perform slightly better than baffles hung in the same direction.

### 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 degrees F
Fire Resistance	Class 1 per ASTM E 84 (all finishes) Meets UL 1715 (willtec natural )
Flame Spread per ASTM E 84	Natural: 5 Painted: 10 Hypalon®-coated: 25
Smoke Density per ASTM E 84	Natural: 50 Painted: 10 Hypalon-coated: 65
Fungus Resistance	Rating 0 per ASTM G21
Microbial Growth	Passes UL 181, section 11
Finishes	Natural (white and light grey), painted or Hypalon-coated*

\*Minimum order of 20 boxes.

### Sound Absorption

(In sabins) Test ASTM C423-90a

Frequency (Hz)	2" Thick Natural	2" Thick Painted
125	1.0	2.3
250	5.4	6.5
500	10.8	12.7
1K	16.3	19.7
2K	18.7	21.0
4K	24.0	21.0
Average sabins per baffle	12.7	15.0

### Other Products

illbruck acoustic, inc. manufactures a broad range of attractive acoustic ceiling tiles, wall panels and baffles for commercial and industrial applications, including:

- SQUARELINE® Metal Ceiling Tiles
- CONTOUR®, HARMONI™ and WHITELINE® Ceiling Tiles
- illbruck Ceiling Grids
- FABRITEC™ Wall Panels
- SONEX® Panels and Curtains
- PROSPEC® Barriers, Foams and Composites