Sonex Clean Products

SONEX Clean products are designed for environments that require noise control with durable, washable and cleanable materials. The baffles, panels and ceiling tiles are ideal for use in a variety of applications, including bottling and food processing plants, clean rooms and food preparation areas. SONEX Clean products meet USDA/FDA requirements. The products are fully encapsulated in FR taffeta vinyl for efficient cleaning and long, durable life. They offer excellent sound absorption to reduce reverberation or echo. The SONEX Clean line is made from pinta acoustic's willtec melamine foam core, which is ASTM E84 Class 1 fire-rated. Products are available in 17 standard colors.
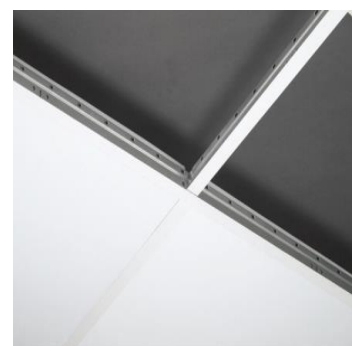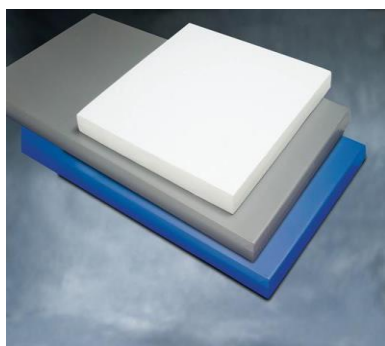
✓ Washable, cleanable and durable
✓ Sound absorption to
✓ reduce reverberation or echo
✓ Easy-to-install ceiling
✓ tiles, wall panels and baffles
✓ willtec® core is Class 1 fire-rated

✓ Applications:
✓ Gymnasiums
✓ Multipurpose rooms
✓ Large classrooms or music rooms
✓ Manufacturing facilities
✓ Warehouses
✓ Aquatic Centers and indoor pools

Materials
■ Made from pinta's Class 1 fire-rated willtec® melamine foam core
■ Fully encapsulated in FR taffeta vinyl
■ 17 standard colors

Installation/Size
Ceiling Tiles
(24" x 24" x 2" or 24" x 48" x 2")
■ Drop into any pinta acoustic or standard ceiling grid system

Panels (24" x 48" x 2")
■ Attach in seconds to wall and/or ceiling surface with pinta's acouSTIC water-based adhesive or hook and loop or other mechanical systems

Baffles (24" x 48" x 2")
■ Equipped with grommets, easily installed on ceiling-mounted cables or chains

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
Fire Resistance	Class 1 per ASTM E 84 Meets UL 1715 (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

Physical Data—FR Taffeta Vinyl

Material ode	4.00 mil PVC film
Flammability	Meets California fire marshal requirements section 13115 CA Health and Safety C

Sound Absorption—Ceiling Tiles
Test ASTM C423-07; Mounting Type E

Frequency (Hz)	2" Thickness
125	0.57
250	0.67
500	0.91
1000	0.90
2000	0.43
4000	0.19
NRC	0.75

Sound Absorption—Wall Panels
Test ASTM C423-07; Mounting Type A

Frequency (Hz)	2" Thickness
125	0.18
250	0.75
500	1.21
1000	0.82
2000	0.40
4000	0.25
NRC	0.80

Sound Absorption—Baffles
Sabins per Baffle per ASTM C423-07; Hanging Baffle

Frequency (Hz)	2" Thickness
125	1.88
250	5.23
500	10.33
1000	11.84
2000	5.33
4000	2.99
Average	8.20