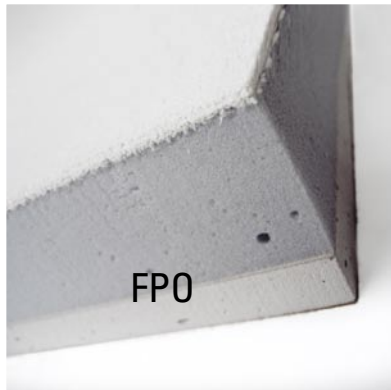


SONEX® AFS Ceiling and Wall System  
Product Information



**CERTIFIED  
APPLICATOR**

Phone: 631.953.6990

Fax: 631.953.6991

[www.idthermal.com](http://www.idthermal.com)

[www.islanddiversified.com](http://www.islanddiversified.com)

1191 Scott Avenue Calverton, New York, 11933

Class 1 fire-rated, SONEX® AFS [Acoustical Finish System] offers excellent acoustical control with an attractive monolithic, slightly textured finish to walls and ceilings. PHONSTOP® PA85 Plaster is applied in two thin layers over a fiberglass mesh pre-affixed to pinta's willtec® foam panels—providing a finished look similar to porous drywall. Color can be applied using a non-bridging coating to compliment nearly any décor.

>> | **Advantages**

- Seamless appearance
- Excellent sound absorption
- Install on flat or curved surfaces
- Class 1 fire-rated
- May qualify for LEED credit

2601 49th Avenue North, Suite 400  
Minneapolis, MN 55430  
1-800-662-0032  
+1 612-355-4200  
[sales@pinta-acoustic.com](mailto:sales@pinta-acoustic.com)  
[www.pinta-acoustic.com](http://www.pinta-acoustic.com)

### Applications

- Atriums
- Conference rooms
- Libraries
- Lobbies
- Worship facilities
- Other interior spaces

### Materials

- Class 1 fire-rated, lightweight and flexible willtec® foam panels—pre-faced with fiberglass mesh
- pinta's acouSTIC water-based adhesive or mechanical fasteners, if required
- Two coats (maximum thickness of 4 mm) of PHONSTOP® PA85 Plaster (applied by approved applicator\*)
- Base finish appearance is smooth and white with a slight texture from integral mineral aggregates
- Optional non-bridging acoustical coating for custom colors to compliment any décor

### Size

- Panel dimensions: 48" x 96" (1,219 x 2,438 mm) or custom
- Thicknesses: 5/8", 1" or 1-1/2" (16, 25 or 38 mm) or custom

### Installation

- Installed on flat or curved walls or ceilings after permanent lighting is installed and activated\*\*
- willtec, with fiberglass mesh facing, adheres directly to wall or ceiling substrate using acouSTIC water-based adhesive or mechanical fasteners, if required (fiberglass mesh facing exposed)
- Panel joints are covered with fiberglass mesh tape
- Control joints are only required every 2,500 sq. ft. (762 sq. m)
- Approved applicator specialist\* smoothly hand trowels two coats of PHONSTOP® PA85 Plaster dispersion finish (max. 4 mm thick)
- Optional custom colored non-bridging acoustical coating may be mist-applied to the dry finish
- One year warranty

\* Plaster may only be applied by applicator specialists approved by pinta acoustic, inc. Please contact pinta acoustic for a list of approved vendors.

\*\*Natural and artificial light will affect the appearance of the finished surface.

### Cleaning and Repair

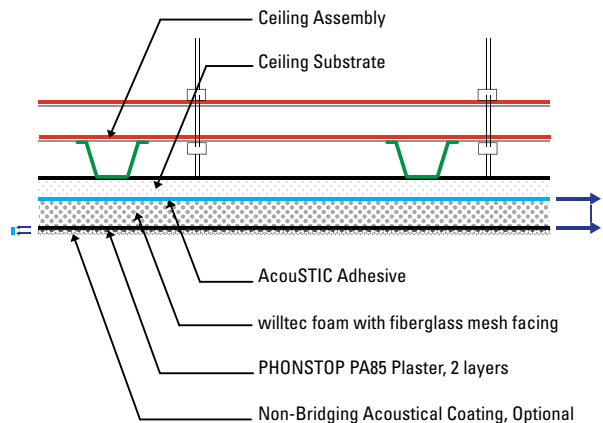
- Blow dust from finish with compressed air
- Non-penetrating surface marks may be removed carefully using masking or duct tape to pull the mark from the surface
- Tougher stains may be removed with a 10 percent hydrogen peroxide solution applied sparingly
- If damaged, finish may be patched (subtle cold joints may be visible)
- If needed, unify surface area with mist-applied non-bridging acoustical coating
- Consult an approved applicator specialists for repairs

### Physical Data—willtec

Tensile Strength	8 PSI (ASTM D3574-77)
Density	0.7 lbs./cubic foot
Elongation	8% (ASTM D3574-77)
Heat Conductivity	K factor = 0.24 at 50°F
Temperature Stability	0 to 302°F
Fire Resistance	Class 1 (ASTM E84)
Surface Treatments	PHONSTOP PA85 Plaster (max. 4 mm thick)

### Sound Absorption

Finish	Thickness	Coefficient per ASTM C423-90a (Mounting Type A) Frequency (Hz)/Sabins						
		125	250	500	1,000	2,000	4,000	NRC
SONEX AFS Natural	5/8" (16 mm)	0.05	0.24	0.70	0.81	0.76	0.57	0.65
	1" (25 mm)	0.12	0.37	0.80	0.71	0.60	0.54	0.60
	1-1/2" (38 mm)	0.19	0.59	0.91	0.83	0.70	0.70	0.75



## >> Other Products

- Wall Panels
- Ceiling Tiles
- Ceiling Clouds
- Baffles
- Barriers, Foam and Composites

2601 49th Avenue North, Suite 400  
 Minneapolis, MN 55430  
 1-800-662-0032  
 +1 612-355-4200  
 sales@pinta-acoustic.com  
 www.pinta-acoustic.com