

Acoustical Surfaces, Inc.

SOUNDPROOFING ACQUISTICS NOISE & VIRRATION CONTROL SPECIALISTS

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Email: <u>sales@acousticalsurfaces.com</u>
Visit our Website: <u>www.acousticalsurfaces.com</u>

We Identify and S.T.O.P. Your Noise Problems



PHONSTOP™ Ceiling and Wall Tile

- Made from 100% recycled glass
- Exceptional acoustical properties
- Two styles: adhere to walls and ceilings, or lay-in standard 15/16" ceiling grid system
- PHONSTOP™ plaster provides a seamless appearance
- Can be custom colored on-site using non-bridging paints

PHONSTOP Ceiling and Wall Tiles are made from 100 percent recycled glass, sintered to form rigid, lightweight and porous sound absorbers. PHONSTOP products have exceptional acoustical properties and are easy to install indoors or outdoors.

Material:

PHONSTOP Ceiling and Wall Tiles are made from 100 percent recycled glass sintered to form rigid, lightweight and porous sound absorbers. Tiles are ASTM 84 Class 1 (A) fire-rated and offered for adhesive (PHONSTOP V) and lay-in ceiling grid (PHONSTOP E) applications. Other PHONSTOP products include:

- PHONSTOP pa81 or pa101 Adhesive (pa81 forconcrete, masonry and drywall; pa101 for plywoodand metal surfaces)
- PHONSTOP pa85 Plaster (for seamless, monolithic appearance)
- PHONSTOP pt17 Primer
- PHONSTOP pt13 Sealer (for weather-exposed conditions)

Physical Data:			
Material	100% recycled glass		
Density (ASTM D1622-08)	16.79 lbs./ft3		
Fire Resistance (ASTM E 84)	Class 1		
Flame Spread (ASTM E 84)	0		
Smoke Density (ASTM E 84)	0		
Compression Strength			
(ASTM D1621-04)	165 psi		
Thermal Resistance			
(ASTM C518-04)	Effective R value 3.24		

Size:

PHONSTOP V—adhesive applications on walls and ceilings

- 24" x 24" x 2" thickness (610 x 610 x 50 mm)
- 24" x 48" x 2" thickness (610 x 1220 x 50 mm)
- Tiles offer two edge options: One face of the tiles feature 3/8" (9 mm) chamfer beveled edges, while the reverse face has square edges. PHONSTOP E—ceiling grid applications
- 24" x 24" x 1" thickness nominal (604 x 604 x 25 mm)
- 24" x 48" x 1" thickness nominal (604 x 1213 x 25 mm)
- Slightly beveled square edge

Continued on next page...

Soundproofing Products • Sonex™ Ceiling & Wall Panels • Sound Control Curtains • Equipment Enclosures • Acoustical Baffles & Banners • Solid Wood & Veneer Acoustical Ceiling & Wall Systems • Professional Audio Acoustics • Vibration & Damping Control • Fire Retardant Acoustics • Hearing Protection • Moisture & Impact Resistant Products • Floor Impact Noise Reduction • Sound Absorbers • Noise Barriers • Fabric Wrapped Wall Panels • Acoustical Foam (Egg Crate) • Acoustical Sealants & Adhesives • Outdoor Noise Control • Assistive Listening Devices • OSHA, FDA, ADA Compliance • On-Site Acoustical Analysis • Acoustical Design & Consulting • Large Inventory • Fast Shipment • No Project too Large or Small • Major Credit Cards Accepted



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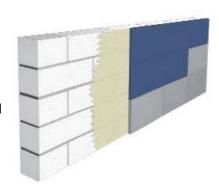
We Identify and S.T.O.P. Your Noise Problem

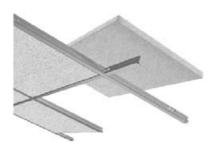
Installation: PHONSTOP V

- Adheres directly to walls or ceilings
- Roll on PHONSTOP pt17 Primer to existing substrate. Apply PHONSTOP pa81 orpa101 Adhesive using 3/8" tooth trowel to the backof each tile (be careful not to get adhesive on the visible tile face)
- Create a seamless, monolithic appearance by using the square edge tile face and rolling on a layer of PHONSTOP pt17 Primer; then trowel two layers of PHONSTOP pa85 Plaster
- In outdoor, weather-exposed conditions, apply PHONSTOF Sealer for added durability



Lay-in standard 15/16" ceiling grid system





Sound Absorption:

DESCRIPTION	Frequency (Hz)							
	125	250	500	1,000	2,000	4,000	NRC	
PHONSTOP V — Test ASTM C423-90a; Mounting Type A								
Thickness 2" (50 mm), adhered and painted	0.14	0.60	1.09	0.96	1.02	1.03	0.90	
Thickness 2" (50 mm), adhered without space between tiles	0.16	0.63	1.15	0.91	0.98	0.99	0.90	
Thickness 2" (50 mm), adhered and plastered	0.26	0.75	0.86	0.62	0.66	0.57	0.70	
PHONSTOP E — Test ASTM C423-90a; Mounting Type E								
Thickness 1" (25 mm)	0.45	0.55	0.60	0.75	0.80	0.85	0.70	

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