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.

>> Advantages

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

ArtUSA

1-888-454-6975

The Name to Know in Noise Control

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 for concrete, masonry and drywall; pa101 for plywood and metal surfaces)
- PHONSTOP pa85 Plaster (for seamless, monolithic appearance)
- PHONSTOP pt17 Primer
- PHONSTOP pt13 Sealer (for weather-exposed conditions)

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.
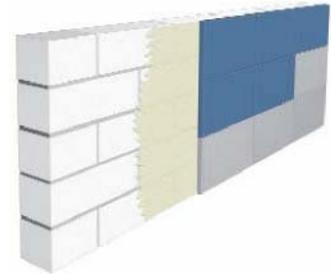
PHONSTOP E—ceiling grid applications

- 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

Physical Data

Material	100% recycled glass
Density (ASTM D1 622-08)	16.79 lbs./ft^3

Fire Resistance (ASTM E 84) Class 1 **Installation** PHONSTOP V

Flame Spread (ASTM E 84)	0
Smoke Density (ASTM E 84)	0
Compression Strength (ASTM D1621-04)	165 psi

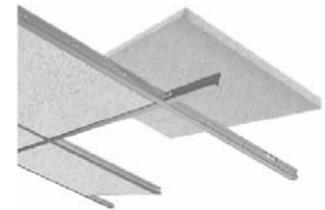Thermal Resistance (ASTM C518-04) Effective R value 3.24

- Adheres directly to walls or ceilings
- Roll on PHONSTOP pt17 Primer to existing substrate. Apply PHONSTOP pa81 or pa101 Adhesive using 3/8" tooth trowel to the back of 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 PHONSTOP Sealer for added durability

PHONSTOP E

- Lay-in any standard 15/16" ceiling grid system

Sound Absorption

PHONSTOP V— Test ASTM C423-90a; Mounting Type A

Description	Frequency (Hz)						
	125	250	500	1,000	2,000	4,000	NRC
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

>> Other

- Wall Panels
- Ceiling Tiles
- Baffles
- Barriers, Foams and Composites

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