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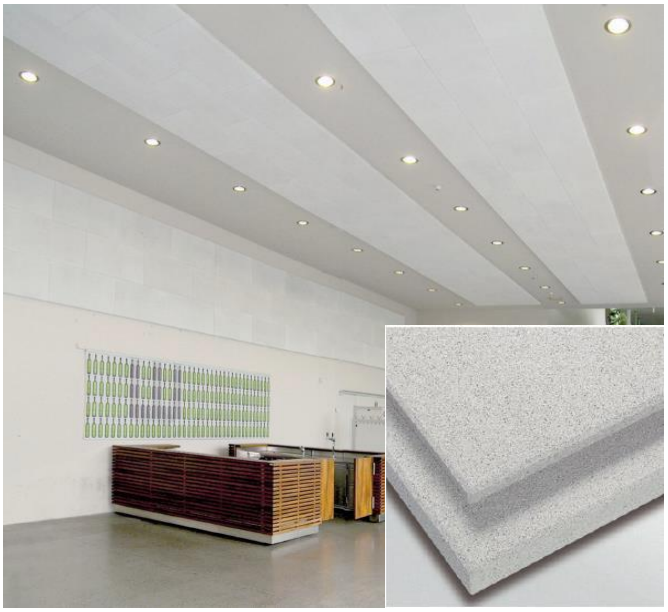
# Phonstop Ceiling and Wall Tiles

- ✓ Made from 100% recycled glass
- ✓ Exceptional acoustical properties
- ✓ Two styles: adhere to walls and ceilings or
- ✓ standard 15/16" ceiling grid system
- ✓ PHONSTOP Plaster provides a seamless appearance
- ✓ Custom colors



PHONSTOPTM direct-apply, glue-up wall and ceiling acoustic panels are produced from 100-percent recycled glass granules fused together to form rigid, lightweight, fiber-free sound absorbers suitable for interior and exterior applications. PHONSTOP absorbs sound energy within its open-cell, sintered glass core resulting in exceptionally high noise reduction over a broad frequency range, controlling excess sound reflection and reverberation.

## Physical Data

| | |
|---|---|
| Material | 100-percent recycled glass |
| Density (ASTM D1622-08) | 16.79 lbs./ft.$^3$ (269 kg/m$^3$) |
| 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 |
| Weight | approx. 3 lbs./sq.ft. ( 1.36 kg/ sq.m.) |

## Sound Absorption

| Thickness | Coefficient per ASTM C423-90a (Mounting Type A) Frequency (Hz)/Sabins | | | | | | |
|---|---|---|---|---|---|---|---|
| | 125 | 250 | 500 | 1,000 | 2,000 | 4,000 | NRC |
| 2" (51 mm), adhered and coated | 0.13 | 0.41 | 0.88 | 1.03 | 1.02 | 1.05 | 0.85 |
| 2" (51 mm), adhered without space between tiles | 0.16 | 0.63 | 1.15 | 0.91 | 0.98 | 0.99 | 0.90 |

## Size

- 24" x 24" x 2" thickness (610 x 610 x 51 mm)
- 24" x 48" x 2" thickness (610 x 1220 x 51 mm)
- Panels are produced with a square edge on one side and a 45-degree bevel-edge chamfer opposite

## Material

ASTM E84 Class 1 (A) fire-rated PHONSTOP Wall and Ceiling Panels are made from 100-percent recycled glass sintered to form rigid, lightweight, fiber-free, porous sound absorbers. PHONSTOP is specifically intended for direct-apply, glue-up applications to concrete, masonry and drywall. PHONSTOP system products include:

- PHONSTOP pt-17 Primer
- PHONSTOP pa-81 Dry Mix Adhesive
- PHONSTOP pt-13 Sealer

## Applications

- LEED accredited projects
- Education, corporate and government
- Motorway tunnels and noise barriers
- Railway tunnels and noise barriers
- Indoor swimming pools and spas
- High fire-safety areas, plant rooms
- Cooling towers, vents and substations
- Indoor and outdoor firing ranges