

BSC-22 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers.

The BSC-22 consists of a non-reinforced 1-lb psf loaded vinyl barrier sandwiched between two layers of 1" quilted fiberglass absorbers. One layer of quilted fiberglass has scrim facing; the other side has vinyl-coated-fiberglass-cloth facing. Curtain panels are constructed with grommets across the top and hook and loop fasteners along the vertical edges. Rolls are available 4' wide x 25' long and can be supplied with edges bound or unbound.



- Class A Flammability Rated per ASTM E 84
- Available colors: gray, white, black, or tan
- STC 29 Rating
- NRC .75 Rating

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls and ceilings of a room, enclosure or building.

Product Data:

| | |
|---------------------------|---|
| Description | Scrim faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth facing on 1" quilted fiberglass |
| Flammability | Per ASTM E-84: Surface Burning Characteristics of Building Materials" Flame Spread: 22.78 Smoke Density: 30.56 |
| Nominal thickness | 2 inches |
| Temperature range | -20° to +180° F |
| Standard Roll Size | 48" wide x 25' long |
| Weight | 1.5 lb psf |

Acoustical Performance:

Sound Transmission Loss

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | STC |
|---------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| BSC-22 | 12 | 16 | 27 | 40 | 44 | 43 | 29 |

ASTM E-90 & E 413

Sound Absorption Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | NRC |
|---------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| BSC-22 | .45 | .96 | .87 | .66 | .47 | .30 | .75 |

ASTM C 423