

BBC-SERIES

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

BBC-13-2 lb - 2" Noise Barrier/Sound Absorber Composite

Sound Seal's BBC-13-2 LB-2" offers the benefits of a noise barrier and a sound absorber composite. The BBC-13-2 LB-2" consists of a vinyl-coated-fiberglass-cloth facing on 2" quilted fiberglass that is bonded to one side of a 2-lb psf loaded vinyl noise barrier. Curtain panels are constructed with grommets across the top and Velcro seals along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound.



- Class A (or 1) flammability rated per ASTM E-84
- Available quilted facing colors: gray, tan, black or white
- Available barrier colors: gray, tan, black, blue, olive drab

Applications:

Typically used as curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability as well as maximum noise reduction is required. Frequently used as sliding doors on acoustical curtain enclosures.

Product Data

| | |
|--------------------------|--|
| Description | Vinyl coated fiberglass cloth faced 2" quilted fiberglass/ 2LB-psf loaded vinyl barrier |
| Flammability | Flame Spread: 23.0 Smoke density: 12.0 |
| Nominal thickness | 2 inches |
| Temperature range | -20° to +180° F |
| Weight | 3.0 lb psf |

Acoustical Performance:

Sound Transmission Loss

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | |
|----------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | STC |
| BBC-13-2 LB-2" | 19 | 25 | 33 | 46 | 53 | 58 | 37 |

Based on ASTM E-90

Sound absorption Data

| Product | OCTAVE BAND FREQUENCIES (Hz) | | | | | | |
|----------------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
| BBC-13-2 LB-2" | .07 | .27 | .96 | 1.13 | 1.08 | .99 | .85 |

Per ASTM C -423