

## TECHNICAL SPECIFICATION

### SilentCeiling™ Black [SCB]

SilentCeiling™ Black acoustic tiles are the effective and affordable way to build acoustic ceilings that have excellent sound absorption properties.

### Features

SilentCeiling™ Black is a spec-equivalent replacement for Owens-Corning Select Sound Black Acoustic Board. Tiles are made from lightweight, black-dyed acoustic fiberglass board and finished with a matte black fiberglass fabric.

### Benefits

- Effective Sound Absorption
- Eliminate unwanted ceiling boundary reflections
- Control excessive room reverberation
- Eliminate slap-echo between parallel floor and ceiling surfaces
- Improve signal-to-noise ratio for listening, recording, and conversation

### Easy Installation

- Easily cut to size with a utility knife or shears
- Rigid board, Installs in a standard drop ceiling grids
- Low-Cost

### Applications

Residential and Commercial –any space where reverberation or reflected noise are an issue.

- Home theatres, media rooms
- Recording and broadcast studios
- Clubs, restaurants, entertainment facilities
- Theatres and performing arts spaces
- Can be used to reduce light reflection within a room



### Specifications and Packaging

| 3 Pound Density |    | Package Info |
|-----------------|----|--------------|
| 2' x 2'         | 1" | 20 per pack  |
| 2' x 4'         | 1" | 10 per pack  |
| 4' x 8'         | 1" | 8 per pack   |
| 4' x 8'         | 2" | 4 per pack   |
| 6 Pound Density |    |              |
| 2' x 4'         | 1" | 10 per pack  |
| 4' x 8'         | 1" | 6 per pack   |
| 4' x 8'         | 2" | 3 per pack   |

### Acoustic Performance

| Thickness | pcf | Octave Band Center Frequencies, Hz |      |      |      |      |      |      |         |
|-----------|-----|------------------------------------|------|------|------|------|------|------|---------|
|           |     | 125                                | 250  | 500  | 1000 | 2000 | 4000 | NRC  | R-Value |
| 1"        | 3.0 | 0.06                               | 0.25 | 0.62 | 0.91 | 0.99 | 0.98 | 0.70 | 4.30    |
| 2"        | 3.0 | 0.18                               | 0.71 | 1.12 | 1.12 | 1.03 | 1.02 | 1.00 | 8.60    |
| 1"        | 6.0 | 0.30                               | 0.34 | 0.68 | 0.87 | 0.97 | 1.06 | 0.70 | 4.30    |
| 2"        | 6.0 | 0.39                               | 0.63 | 1.06 | 1.13 | 1.09 | 1.10 | 1.00 | 8.60    |

| Properties                      | Standard         | Description   |
|---------------------------------|------------------|---|
| Surface Burning Characteristics | ASTM E84 / UL723 | Flame Spread Index <25<br>Smoke Developed Index <50<br>"Class A" Fire Rated |



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