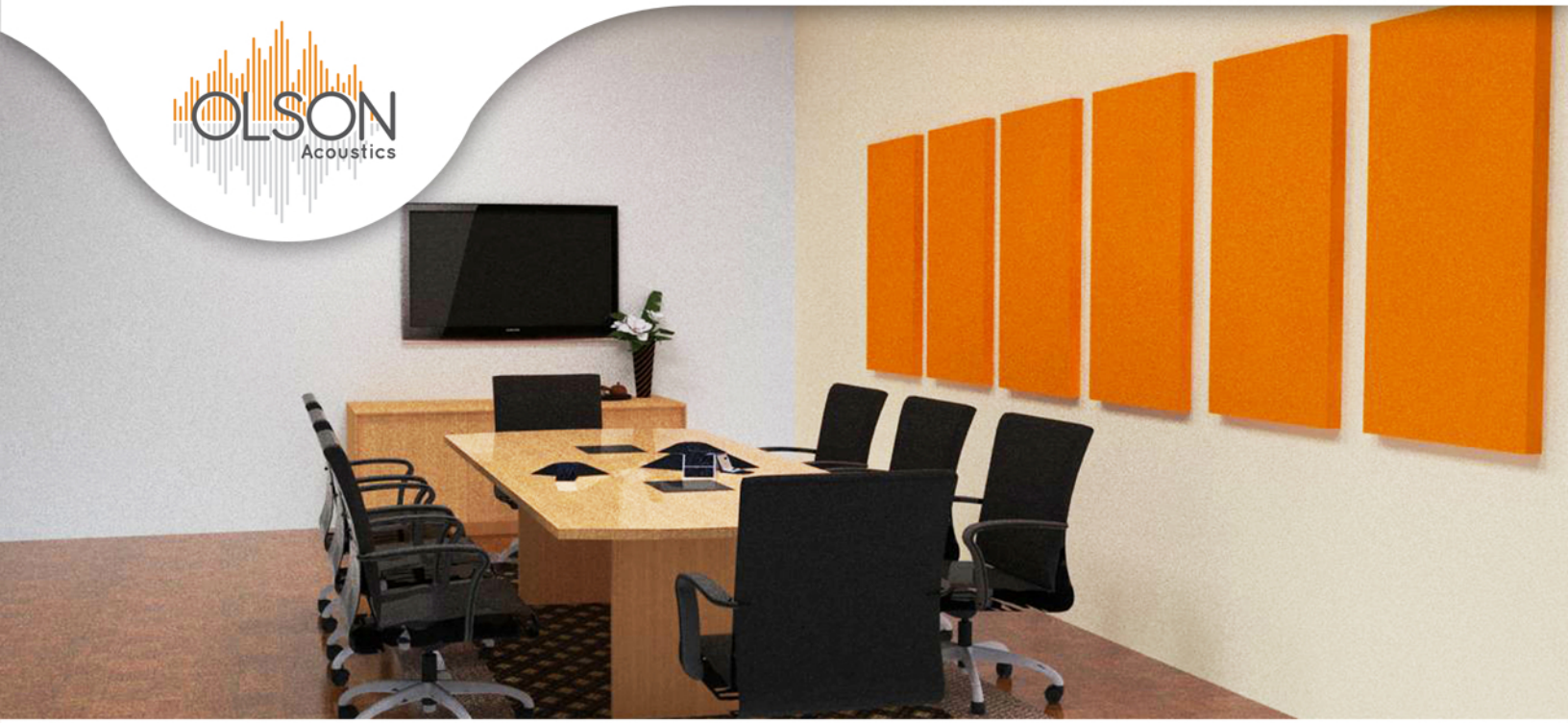


# NoiseSucker

## A DIY Acoustic Sound Absorption Panel

An economical solution to reducing unwanted sound reverberation. Flexible and versatile with the ability to fit and blend-in with any interior design. Made of high quality foam and imported fabrics for a more exquisite feel.

NoiseSucker core material consists of VI-SONITE UF acoustic foams which are fabricated with Basotect® by BASF® of Germany. Basotect® is manufactured of melamine which is naturally fire retardant.

## Specifications

**Standard sizes**
1200 x 1200mm, 1200 x 600mm, 600 x 600mm

**Thickness**
25mm, 50mm, 75mm, 100mm

**Finishes**
Foam, Fabric, Fabric with Polyester Film

**Installation**
Screw on bracket mounting

For better indoor air quality and safety, we promote the use of melamine acoustic foam.

## Application

NoiseSucker is easy to install, making it the preferred choice of acoustic panel for an acoustic treatment of room reverberation. It can be installed to a masonry wall or partition with just one bracket and 3 screws provided. A 5-step installation manual is enclosed with every panel purchased.

NoiseSucker is versatile and is suitable for any type of indoor environment. For dining areas, it can be supplied with polyester film beneath the fabric to protect the foam from accumulating food smell over prolong use; the fabric may be steam cleaned to remove the smell without removing the fabric from the panel. NoiseSucker's fabric can be custom-printed with personal images from your travel, images of your product, advertisement images, etc. as shown in page 3. The panel can be constructed with different patterns fabric to as shown in page 3.

NoiseSucker is not limited to installation on a wall, it can also be installed at room corners (wall-to-wall, wall-to-floor, wall-to-ceiling) as a bass trap to remove low frequency noise that accumulate at the corners as shown in page 4. Panel can be hung horizontally from ceiling or soffit. With its excellent properties, NoiseSucker is ideal product for reverberant spaces which can be found in:

- Offices
- Library
- Restaurant
- Classroom
- Music room
- Living room
- Meeting room
- Sports facility
- Home theater
- Worship places

NoiseSucker installed in
Thai-to-go Dine In restaurant

## Performance

NoiseSucker has been tested for Sound Absorption according to ASTM C423-02a "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method"; and BRITISH STANDARD 476: Part 6: 1989 "Fire Propagation" and BRITISH STANDARD 476: Part 7: 1997 "Surface Spread of Flame". Test report is available upon request.

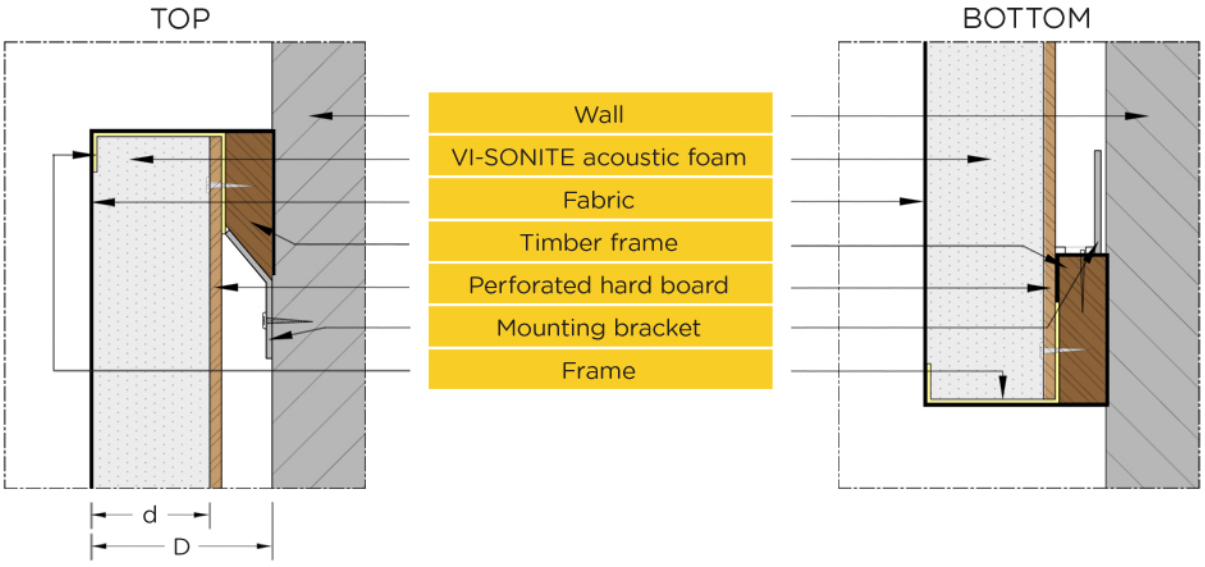
## Different Types of NoiseSucker

Acoustic
Standard Panel

Acoustic
Customized Panel

Acoustic
Photo Panel

## NoiseSucker Cross-Section View

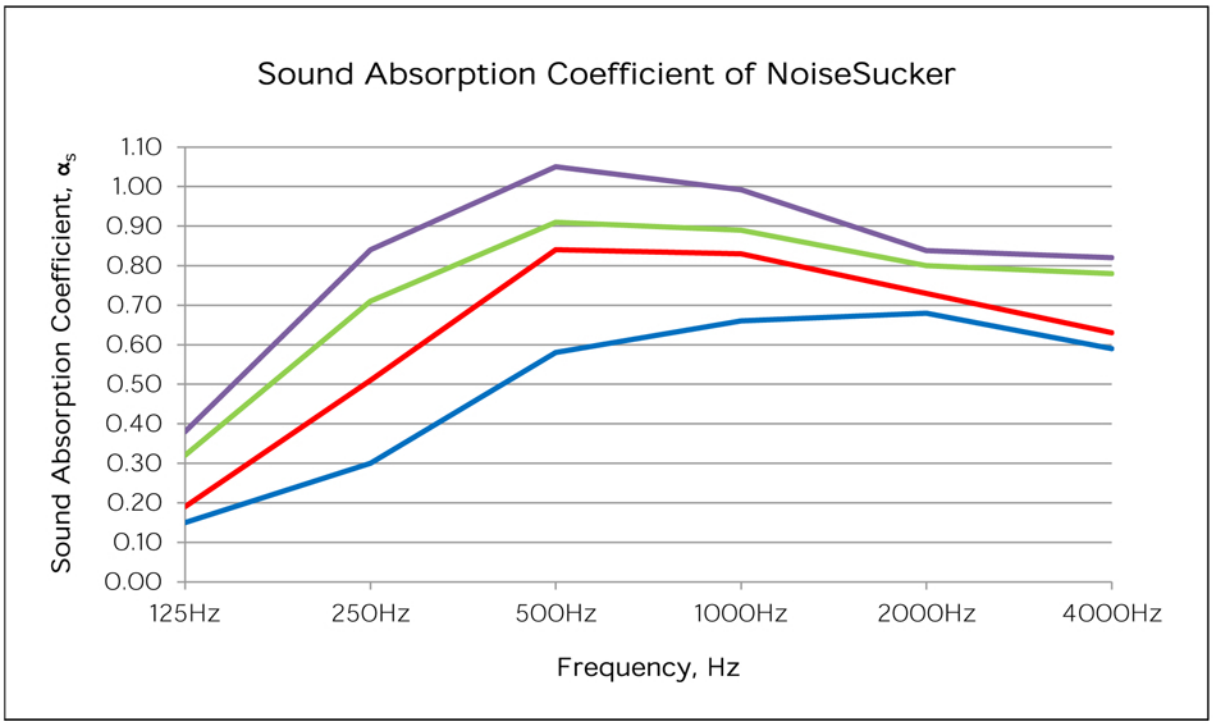



NoiseSucker comes in different thicknesses

| | | |
|---|---|---|
| NoiseSucker025 | d = 10mm | D = 25mm |
| NoiseSucker050 | d = 35mm | D = 50mm |
| NoiseSucker075 | d = 60mm | D = 75mm |
| NoiseSucker100 | d = 85mm | D = 100mm |

## NoiseSucker applied as bass trap


## NoiseSucker is tested according to ASTM C423-02a with Type A Mounting*




| NoiseSucker | Sound Absorption Coefficient, $\alpha_s$ | | | | | | NRC |
|---|---|---|---|---|---|---|---|
| | Frequency, Hz | | | | | | |
| | 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz | |
| 25mm NoiseSucker | 0.15 | 0.30 | 0.58 | 0.66 | 0.68 | 0.59 | 0.55 |
| 50mm NoiseSucker | 0.19 | 0.51 | 0.84 | 0.83 | 0.73 | 0.63 | 0.75 |
| 75mm NoiseSucker | 0.32 | 0.71 | 0.91 | 0.89 | 0.80 | 0.78 | 0.85 |
| 100mm NoiseSucker | 0.38 | 0.84 | 1.05 | 0.99 | 0.84 | 0.82 | 0.95 |

* ASTM E795-00 Type A Mounting - Test specimen laid directly against the test surface

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