

SONATEX

Acoustic Ceiling and Wall panels

delivering you the **B**est.



Contents

Table of Contents	3
Sonatex HM Series	4
• Office	6
• Education	8
• Healthcare	10
Sonatex HM Products	
• Sonatex HM FA	14
• Sonatex HM FE	16
• Sonatex HM GA	18
• Sonatex HM GE	20
• Sonatex HM FDS	22
• Sonatex HM MA	24
• Sonatex HM SQ	26
• Sonatex HM SR	28
• Sonatex HM SC	30
• Sonatex HM Solo Baffle	32

Sonatex HM Series



Square Edge



Recessed Edge

Sonatex HM is an acoustic panel with high sound absorption capabilities, perfect for the home or office.

Made from high density fibreglass wool, it is easily customizable and can also be installed in a variety of ways, able to fit the desired design of any space.

Available in two edge profiles; Square or Recessed, there is sure to be one to suit your needs.

Whether be it mounted on the wall or hanging from the ceiling, Sonatex HM is able to be coloured and shaped to your desired style.

Sonatex acoustic panels are made from lightweight materials that are 100% recyclable making it environmentally friendly and sustainable.

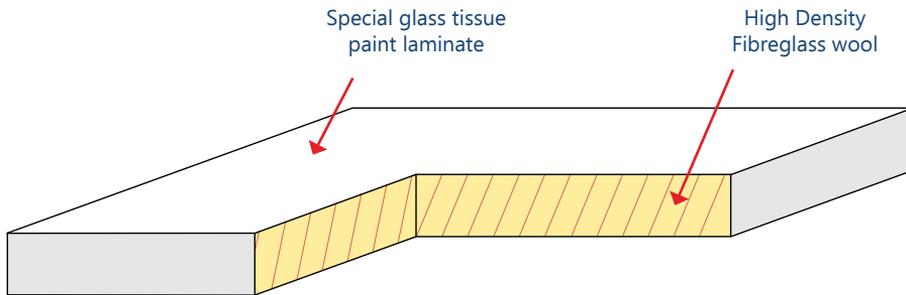
It is also fire-resistant, able to withstand fires with little to no damage.

It is made from lightweight materials so it is resilient against warping and sagging or delaminating.

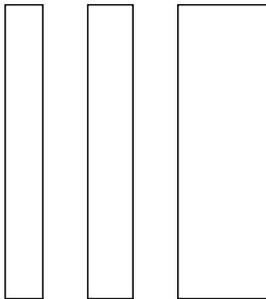
It can also withstand humidity, making it perfect for warmer environments.



Properties

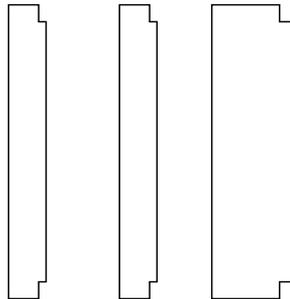


Square



15mm 20mm 40mm

Recessed



15mm 20mm 40mm

Concealed



22mm

Material: High Density fibre glass wool

Finish: Paint laminated with special glass tissue

Noise Reduction Coefficient(NRC): 0.85 to 1

Fire Safety: Class 0 (Tested to: BS476 Pt6&7)

Environmental Footprint: Fully Recyclable

Humidity: Stable with RH up to 95% at 40C

Visual Appearance: White, nearest NCS colour sample S0500-N, 90% light reflectance

Accessibility: Demount-able

Thermal Resistance: $\geq 0.4(m^2.k)/w$

Office



Feel the comfort from office to home

Sonatex makes work feel less stressful as the sound dampening technology improves room comfort and helps you to communicate with your colleagues more efficiently.

Some of the benefits of having a comfortable office environment:

- Lesser distractions leading to becoming more productive
- More comfortable working experience
- Better communication with colleagues

Feeling comfortable in the space you would spend most of the working day in, helps with the productivity and quality of work you produce.

Being able to communicate more efficiently with colleagues and clients is also an important aspect of a business.

The lesser the stress in the working environment, the happier employees will be.



Education



A distraction-free lesson experience

Sonatex helps lessons feel less overwhelming by absorbing unnecessary noise and distractions, leading to a better learning experience overall.

How good sound and room comfort can benefit an educational environment:

- Lesser distractions for a more productive lesson
- More comfortable learning environment
- Better communication with classmates during group work

Having the least amount of distractions in a classroom is incredibly important for students as it promotes effective learning.

Being able to communicate with others during group discussions also helps students develop important social and critical thinking skills needed.

The ability to listen to the lesson and ask questions clearly is important to the students.



Healthcare



An efficient and comfortable recovery

Sonatex ensures that the environment in medical facilities do not have unnecessary noise that can hinder patients from recovery.

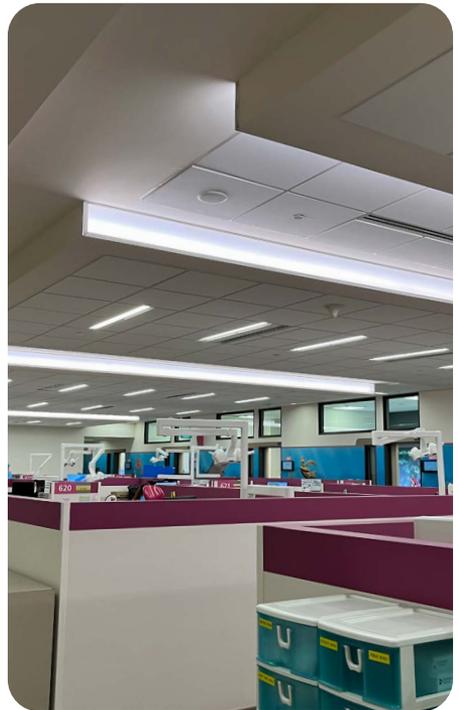
How having a good sound environment can benefit spaces in healthcare:

- Less stressful Environment
- Lesser distractions for staff leading to better care
- Better communication with doctors and nurses

A comfortable and stress free environment is important to recovering patients.

With fewer distractions, doctors and nurses are able to provide patients with better care, helping them get on the road to recovery faster.

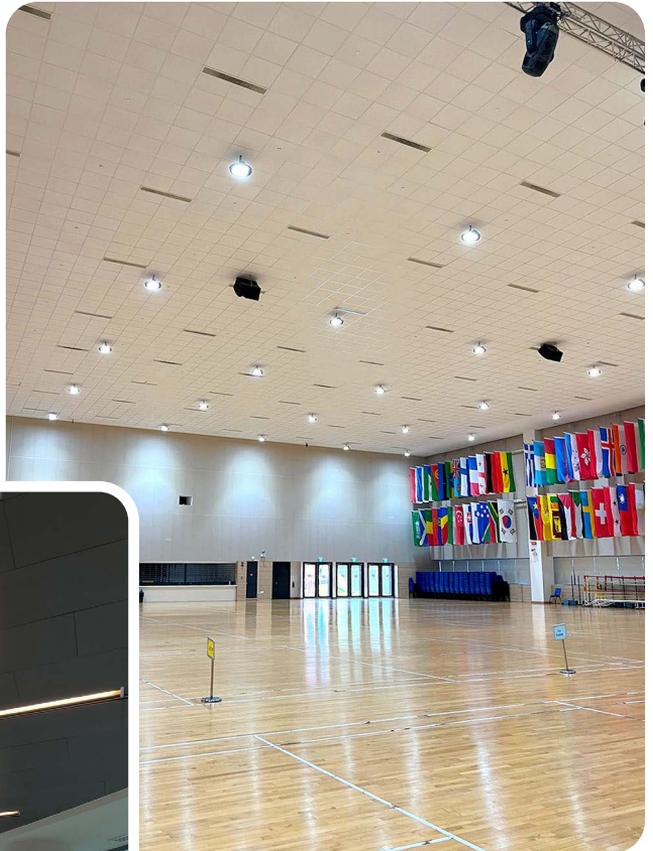
Less stress on the patient also means they get better quality sleep and rest.



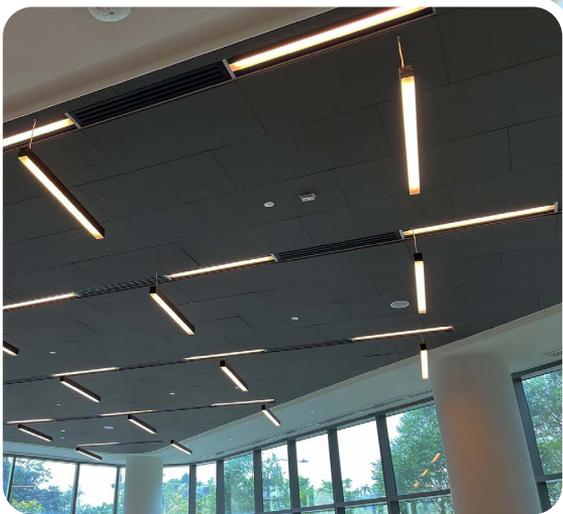
SONATEX HM

SERIES

The bottom of the page features two overlapping geometric shapes in shades of blue. On the left, a dark blue triangle points upwards and to the right. On the right, a lighter blue triangle points upwards and to the left, overlapping the dark blue one.



Sonatex HM FA Ceiling Board



Sonatex HM GA Ceiling Board

Available in any shape and colour upon request.



Sonatex HM MA Ceiling Board

Sonatex HM FA

Edge Profile: Square

Dimensions: 600mmX600mm OR 1200mmX600mm

Thickness: 20mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

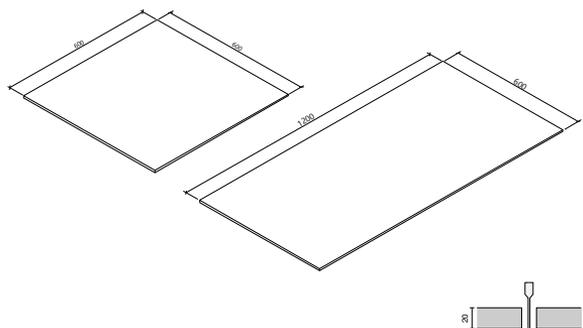
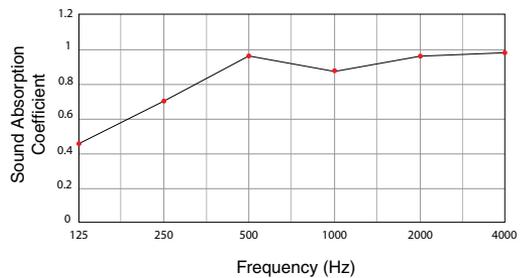
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

With its durable build and effective sound absorbing properties, **Sonatex HM FA** is the perfect choice for any space.

With its squared edge, it sits flushed on the wall perimeter giving a clean and professional look.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

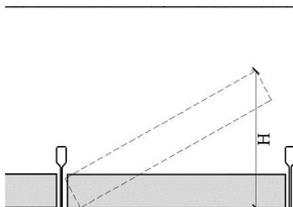
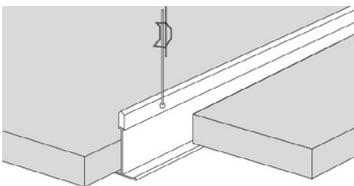
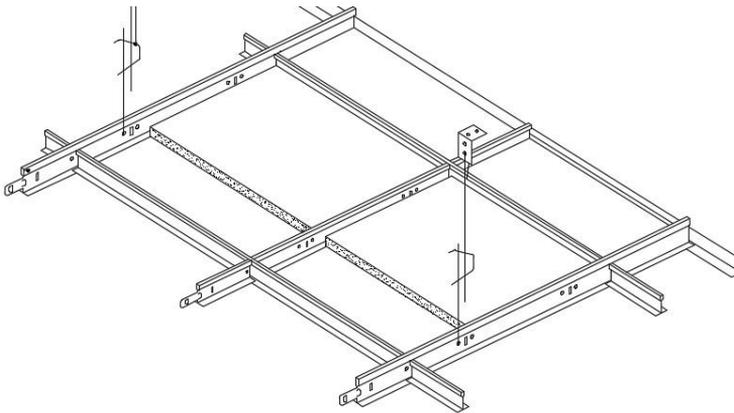
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 0.90

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the squared edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM FE

Edge Profile: Recessed

Dimensions: 600mmX600mm OR 1200mmX600mm

Thickness: 20mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

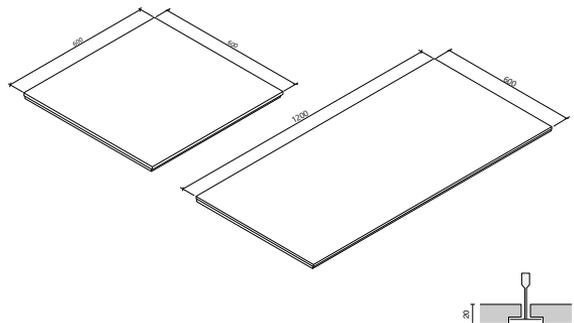
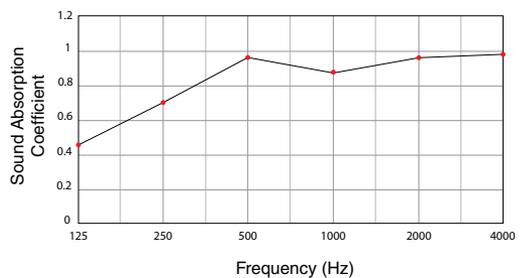
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

With its recessed edge, **Sonatex HM FE** provides room comfort while giving the space depth and feel.

The protruding design helps for easy maintenance.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

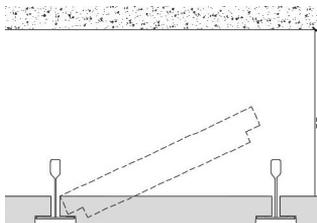
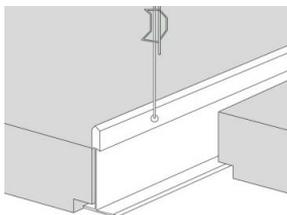
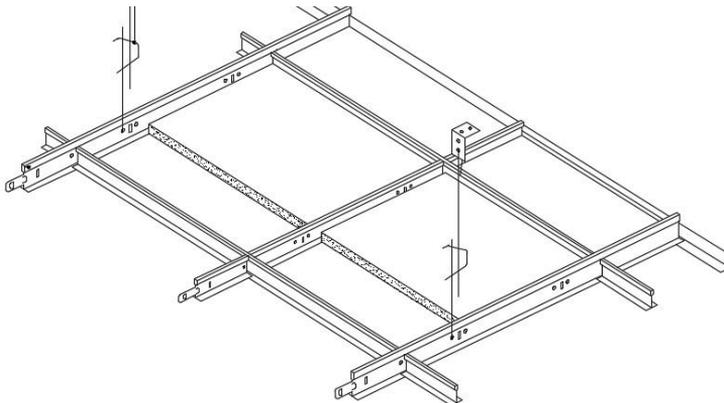
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 0.90

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the recessed edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM GA

Edge Profile: Square

Dimensions: 600mmX600mm OR 1200mmX600mm

Thickness: 15mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

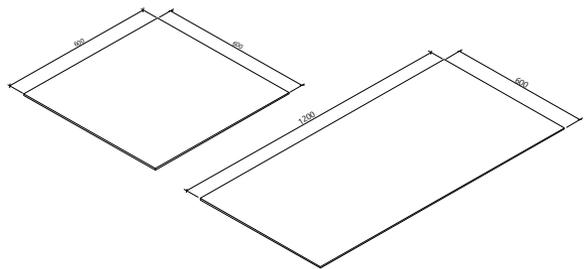
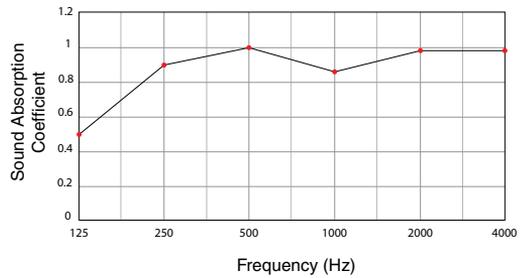
Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

With its durable build and effective sound absorbing properties, **Sonatex HM GA** is the perfect choice for any space.

It is lightweight and able to withstand humid environments while being easy to maintain and clean.

Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

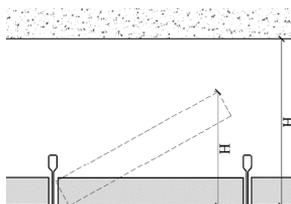
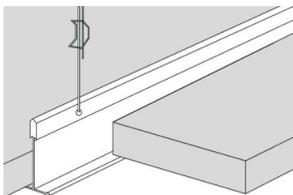
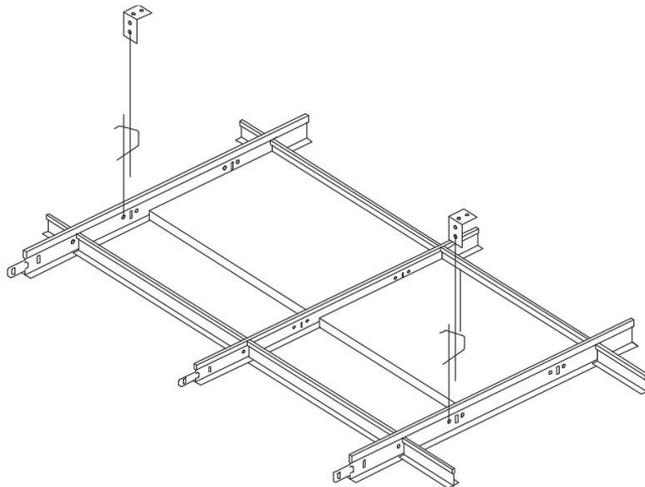
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 0.85

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the squared edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM GE

Edge Profile: Recessed

Dimensions: 600mmX600mm OR 1200mmX600mm

Thickness: 15mm

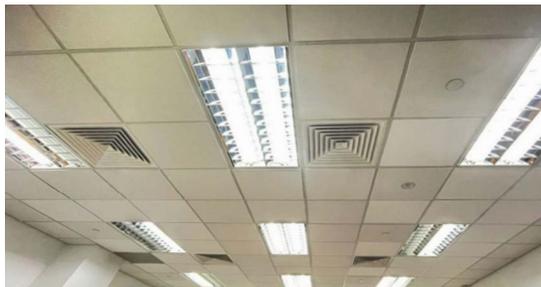
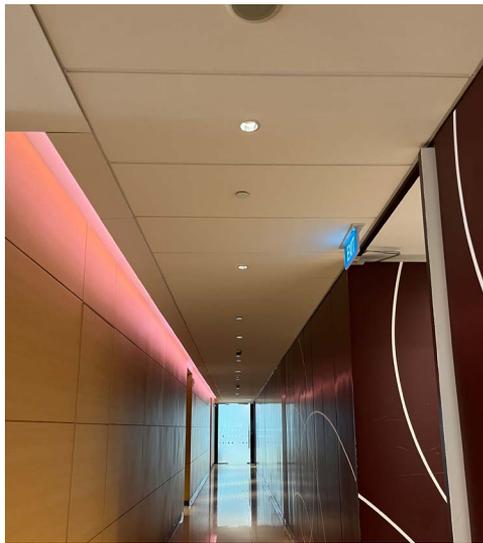
Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

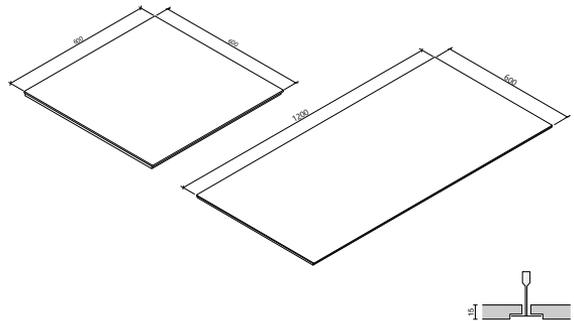
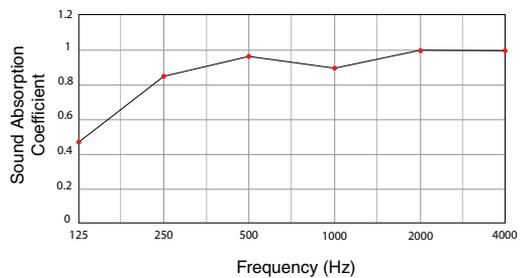
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

With its durable build and effective sound absorbing properties, **Sonatex HM GE** is the perfect choice for any space.

It is lightweight and able to withstand humid environments while being easy to maintain and clean.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

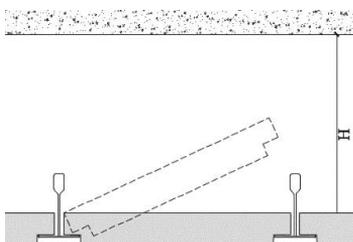
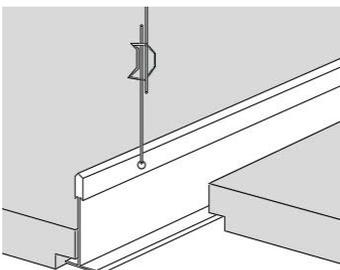
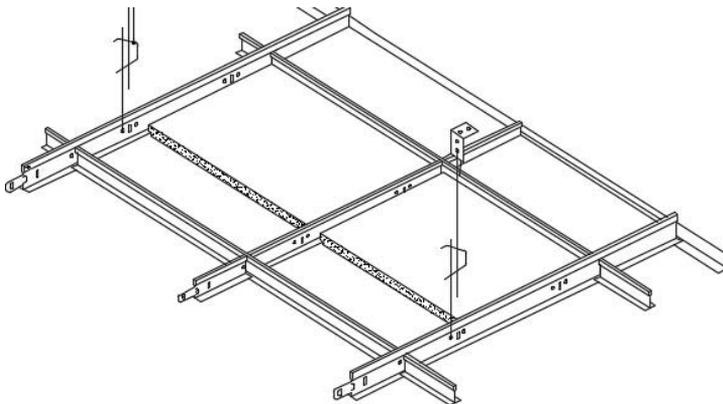
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 0.85

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the recessed edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM FDS

Edge Profile: Concealed

Dimensions: 600x600mm OR 600x1200mm

Thickness: 22mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

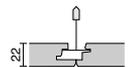
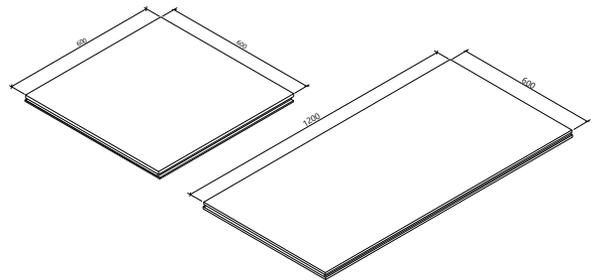
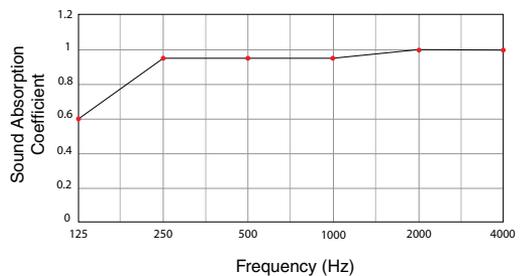
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

The concealed method of installation makes it so that **Sonatex HM FDS** blends into its surroundings with a flushed and clean look.

The way the boards are sitting edge to edge makes it so that cleaning the boards is not a hassle.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

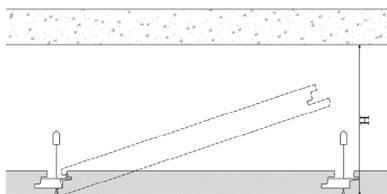
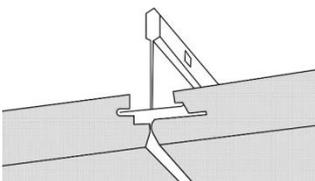
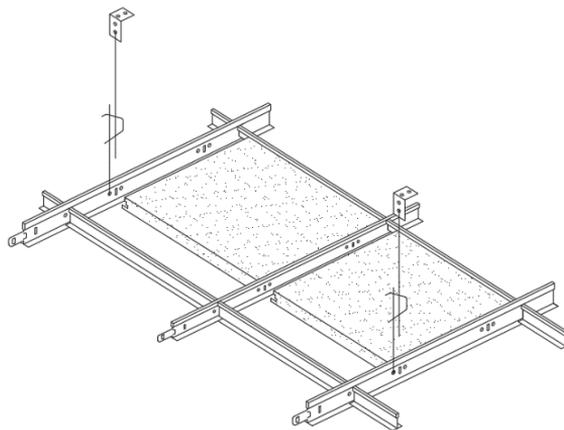
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 0.90

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the squared edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM MA

Edge Profile: Square

Dimensions: 600mmX600mm OR 1200mmX600mm

Thickness: 40mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

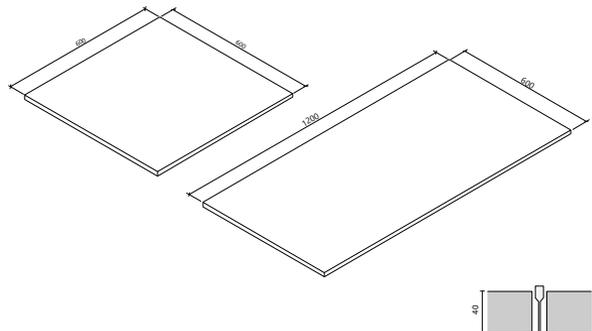
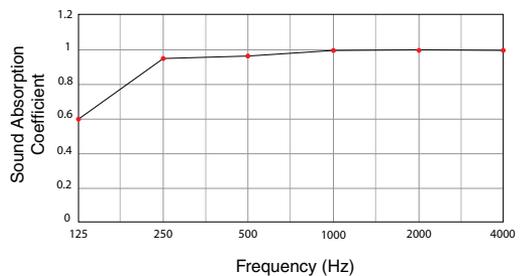
Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

With its durable build and thick frame, the **Sonatex HM MA** is great for spaces that requires more sound absorption.

The thicker form factor makes it so that it absorbs sound more efficiently.

Sound Absorption Test



Suitable for:

- Offices
- Schools
- Sport Centres
- Hospitals
- Restaurants
- Commercial Buildings

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

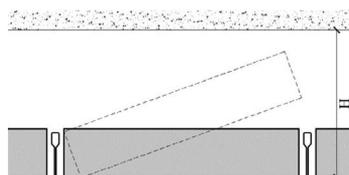
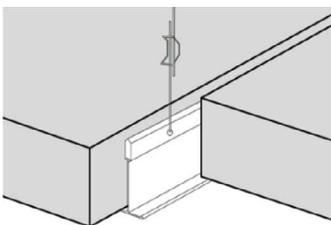
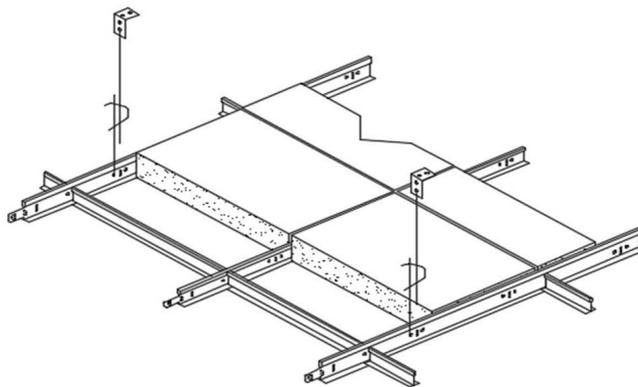
Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

Noise Reduction Coefficient(NRC): 1.00

Ceiling Installation

- The ceiling Boards are able to be installed using a grid pattern, with the squared edge resting on the wall perimeter.
- The design makes for easy mounting and dismounting of the panels.



Sonatex HM SQ

Edge Profile: Square

Dimensions: 1200mmX1200mm

Thickness: 40mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

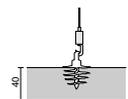
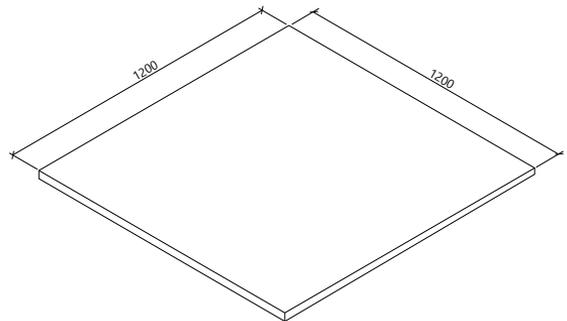
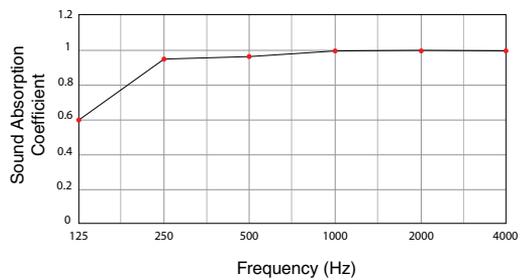
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

The **Sonatex HM SQ** is a great choice for open spaces giving it form and function.

They're suspended from the ceiling, making it easy to install and remove for cleaning and maintenance.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Music Rooms
- Hospitals

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

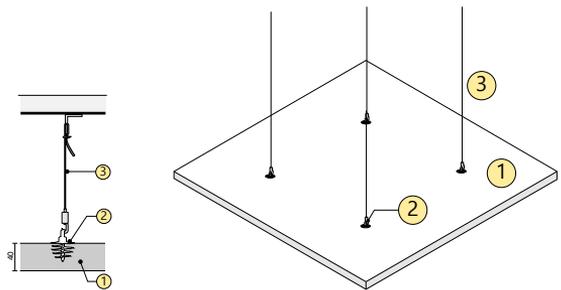
Noise Reduction Coefficient(NRC): 1.00

Ceiling Installation

- Anchor absorbers and suspension wires are used to suspend the ceiling tiles.
- They have the ability to suspend from the ceiling soffit.
- The tiles are able to be demounted.

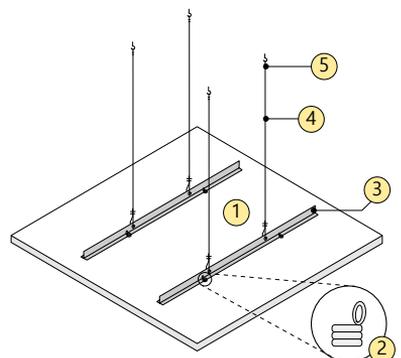
Option 1:

1. Sonatex HM SQ Acoustic Ceiling
2. Absorber Anchor
3. Adjustable Ceiling Hanger



Option 2:

1. Sonatex HM SQ Acoustic Ceiling
2. Spiral Anchor
3. Tee Grid
4. Adjustable Wire Hanger
5. 2 Sets of Fastener



Sonatex HM SR

Edge Profile: Square

Dimensions: 2400mmX1200mm

Thickness: 40mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

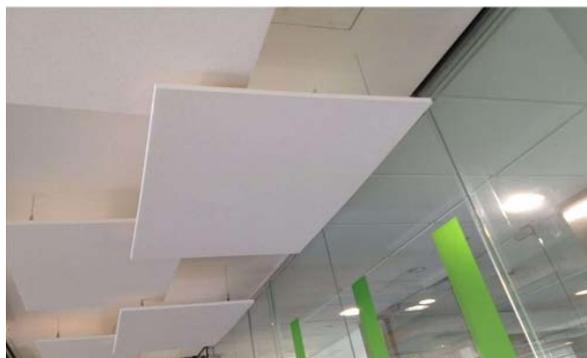
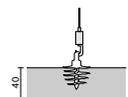
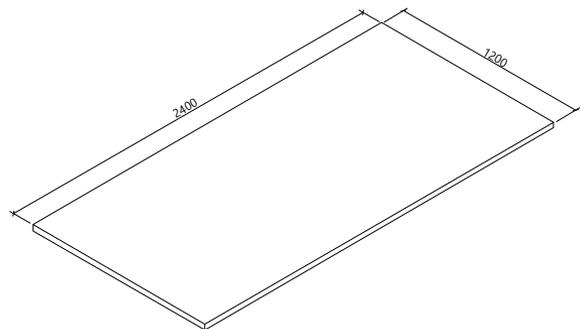
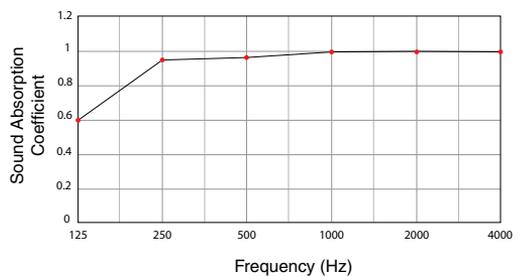
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

The **Sonatex HM SR**'s large size enables it to be shaped easier, and fit the desired look better.

They're suspended from the ceiling, making it easy to install and remove for cleaning and maintenance.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Music Rooms
- Hospitals

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

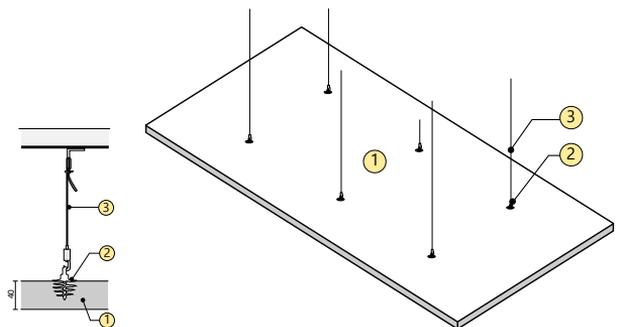
Noise Reduction Coefficient(NRC): 1.00

Ceiling Installation

- Anchor absorbers and suspension wires are used to suspend the ceiling tiles.
- They have the ability to suspend from the ceiling soffit.
- The tiles are able to be demounted.

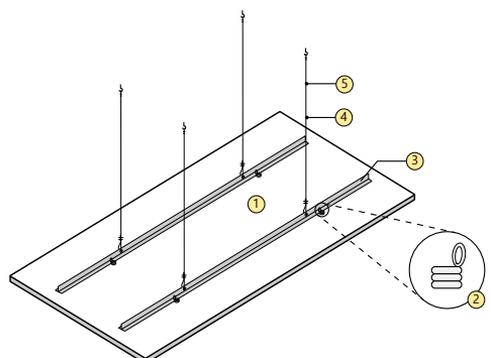
Option 1:

1. Sonatex HM SR Acoustic Ceiling
2. Absorber Anchor
3. Adjustable Ceiling Hanger



Option 2:

1. Sonatex HM SR Acoustic Ceiling
2. Spiral Anchor
3. Tee Grid
4. Adjustable Wire Hanger
5. 2 Sets of Fastener



Sonatex HM SC

Edge Profile: Square

Dimensions: 600mm OR 800mm OR 1200mm Diameter

Thickness: 40mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

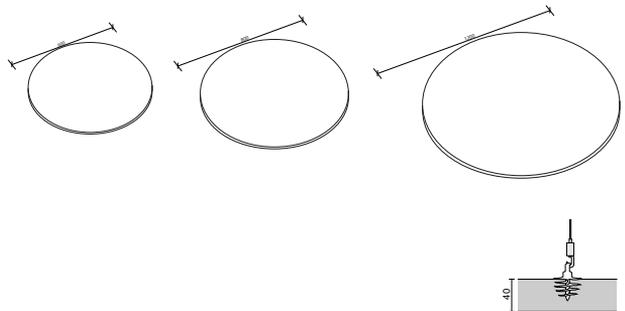
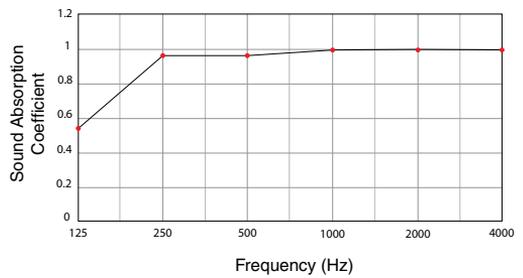
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

The **Sonatex HM SC** has a circular shape making it more convenient without the need for shaping.

The two size options makes sure that it will suit any type of space be it big or small.



Sound Absorption Test



Suitable for:

- Offices
- Schools
- Music Rooms
- Hospitals

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

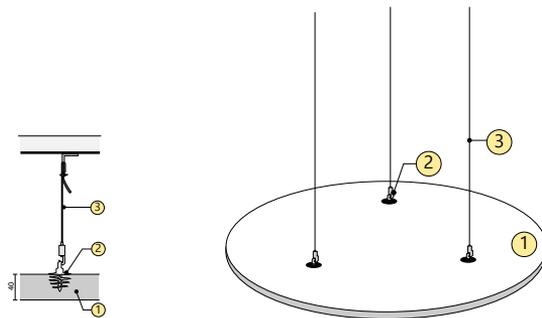
Noise Reduction Coefficient(NRC): 1.00

Ceiling Installation

- Anchor absorbers and suspension wires are used to suspend the ceiling tiles.
- They have the ability to suspend from the ceiling soffit.
- The tiles are able to be demounted.

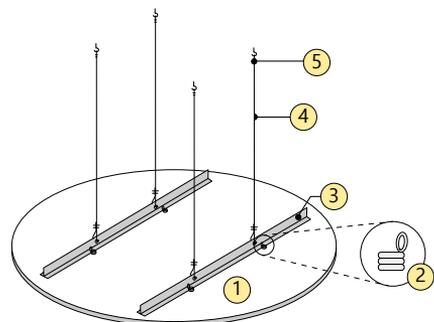
Option 1:

1. Sonatex HM SC Acoustic Ceiling
2. Absorber Anchor
3. Adjustable Ceiling Hanger



Option 2:

1. Sonatex HM SC Acoustic Ceiling
2. Spiral Anchor
3. Tee Grid
4. Adjustable Wire Hanger
5. 2 Sets of Fastener



Sonatex HM Solo Baffle

Edge Profile: Square

Dimensions: 200mmx40mm OR 300mmx40mm OR 600mmx40mm

Thickness: 40mm

Fire Safety: COC - BS 476: Part 6: 1989+A1:2009 BS 476 : Part 7 : 1997 Class: 0

Asbestos: Negative - Test Method: NIOSH 9002:1994 and NIOSH 9000:1994
(Analysis was performed by PLM and XRD)

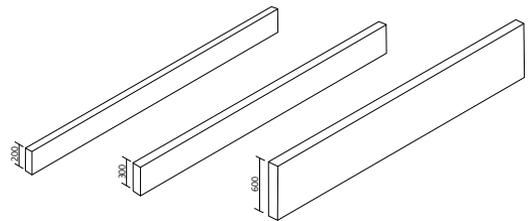
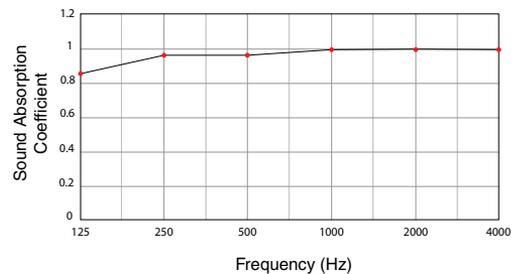
Formaldehyde: Not Detected - Test Method: EN 717-1:2004
(Analysis was performed by UV-Vis ASTM D5116-10)

Sonatex HM Solo Baffle is the best choice for spaces that requires high sound absorption quality.

With the unique vertical installation, the baffles blend into the space as functional decor.



Sound Absorption Test



Suitable for:

- Radio Stations
- Music Studios
- Libraries
- Auditoriums
- Concert Halls

General Properties

Cleanability: Daily dusting/vacuum, wet wiping weekly.

Humidity: Stable with RH up to 95% at 40C

Colour/Visual: White. Nearest NCS colour sample S 0500-N, 90% light reflectance.

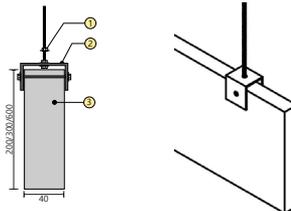
Noise Reduction Coefficient(NRC): 1.00

Ceiling Installation

- Anchor absorbers and suspension wires are used to suspend the ceiling tiles.
- They have the ability to suspend from the ceiling soffit.
- The tiles are able to be demounted.

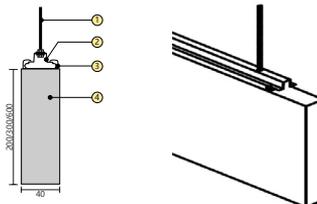
Option 1:

1. Threaded Rod
2. U Channel
3. Sonatex HM Solo Baffle



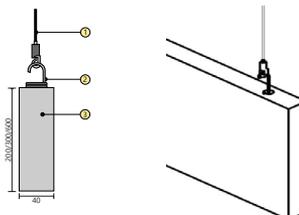
Option 2:

1. Threaded Rod
2. Baffle Profile
3. Baffle Anchor
4. Sonatex HM Solo Baffle



Option 3:

1. Adjustable Wire Hanger
2. Spiral Anchor Hook
3. Sonatex HM Solo Baffle





dB Acoustics Pte Ltd
delivering Best sustainable acoustic solutions

71 Toh Guan Road East, #01-04
TCH Techcentre, Singapore 608598
Tel: (65) 6735 1006 / 6898 1006
Fax: (65) 6565 1006
Website: www.db.com.sg