

# SERENITY CLOUD ACOUSTIC PANELS

Where Quiet Is Not A Luxury



**movingdesigns** LIMITED  
movable and folding doors

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## SERENITY CLOUD ACOUSTIC PANELS

The Serenity Cloud “ceiling hung panels” enhances the environment’s acoustics by absorbing the optimal amount of sound at different frequencies, reducing unwanted reverberation. The innovative technology eliminates echo for a more peaceful environment. The Serenity Cloud dramatically improves audibility in any interior that suffers from reverberation issues.

## FIRE RESISTANCE




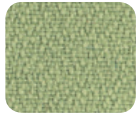
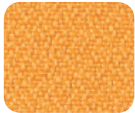

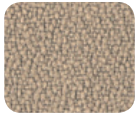



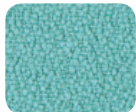
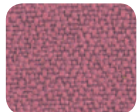

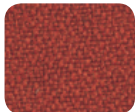

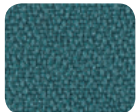


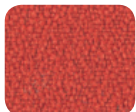

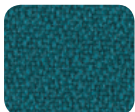

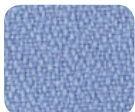











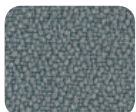





The Serenity Cloud is made from recycled glass wool acoustic board and provides very good fire-resistant properties. This is fire rated as Class O to BS476: Part 6. Standard fabric facing comply with Class 1 to BS476: Part 7. Class O fabric can be used on request.





# STANDARD COLOUR CHART







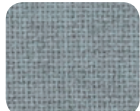






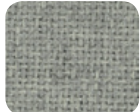


















## Lucia

|                                                                                                                           |                                                                                                                        |                                                                                                                            |                                                                                                                             |                                                                                                                                |                                                                                                                            |                                                                                                                              |                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Adobo</b> YB165<br>LR = 85.8      | <br><b>Oyster</b> YB107<br>LR = 64.8  | <br><b>Turtle</b> YB098<br>LR = 39.14     | <br><b>Apple</b> YB096<br>LR = 37.16      | <br><b>Solano</b> YB088<br>LR = 36.13       | <br><b>Madura</b> YB156<br>LR = 43.08   | <br><b>Sandstorm</b> YB302<br>LR = 22.78  | <br><b>Reef</b> YB085<br>LR = 45.6        |
| <br><b>Aruba</b> YB093<br>LR = 37.39     | <br><b>Belize</b> YB105<br>LR = 10.49 | <br><b>Campeche</b> YB301<br>LR = 27.43   | <br><b>Bridgetown</b> YB102<br>LR = 11.34 | <br><b>Diablo</b> YB101<br>LR = 6.99        | <br><b>Jamaica</b> YB027<br>LR = 7.2    | <br><b>Calypso</b> YB106<br>LR = 6.4      | <br><b>Windjammer</b> YB047<br>LR = 9.02  |
| <br><b>Taboo</b> YB045<br>LR = 4.15     | <br><b>Tobago</b> YB030<br>LR = 3.11 | <br><b>Lobster</b> YB087<br>LR = 11.55   | <br><b>Tortuga</b> YB168<br>LR = 30.46   | <br><b>Montserrat</b> YB011<br>LR = 7.94   | <br><b>Arecibo</b> YB099<br>LR = 45.31 | <br><b>Bermuda</b> YB084<br>LR = 32.9    | <br><b>Mauve</b> YB069<br>LR = 14.64     |
| <br><b>Tarot</b> YB090<br>LR = 3.01    | <br><b>Ocean</b> YB100<br>LR = 3.56 | <br><b>Scuba</b> YB089<br>LR = 6.37     | <br><b>Bluebell</b> YB097<br>LR = 16.91 | <br><b>Martinique</b> YB004<br>LR = 12.79 | <br><b>Steel</b> YB095<br>LR = 23.03  | <br><b>Bluefield</b> YB021<br>LR = 8.27 | <br><b>Marianna</b> YB157<br>LR = 33.48 |
| <br><b>Tequila</b> YB038<br>LR = 14.56 | <br><b>Slip</b> YB094<br>LR = 27.94 | <br><b>Blizzard</b> YB108<br>LR = 12.23 | <br><b>Havana</b> YB009<br>LR = 2.26    | <br><b>Sombbrero</b> YB046<br>LR = 4.36   | <br><b>Costa</b> YB026<br>LR = 3.38   | <br><b>Buru</b> YB170<br>LR = 24.37     | <br><b>Rum</b> YB086<br>LR = 38.32      |



# SERENITY BUBBLE COLOUR CHART

Cara

|                                                                                                                    |                                                                                                                           |                                                                                                                         |                                                                                                                             |                                                                                                                           |                                                                                                                              |                                                                                                                            |                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <br><b>Lomond</b> EJ192<br>LR =   | <br><b>Glass</b> EJ004<br>LR = 46.32     | <br><b>Clan</b> EJ169<br>LR = 62.3     | <br><b>Vit</b> EJ184<br>LR =              | <br><b>Beltane</b> EJ193<br>LR =       | <br><b>Shetland</b> EJ191<br>LR =         | <br><b>Hillswick</b> EJ190<br>LR =      | <br><b>Denny</b> EJ196<br>LR =          |
| <br><b>Maree</b> EJ195<br>LR =    | <br><b>Chaucer</b> EJ172<br>LR = 25.94   | <br><b>Ronay</b> EJ189<br>LR =         | <br><b>Easdale</b> EJ188<br>LR =          | <br><b>Austen</b> EJ173<br>LR = 39.8   | <br><b>Spray</b> EJ033<br>LR = 16.46      | <br><b>Lora</b> EJ187<br>LR =           | <br><b>Dolphin</b> EJ105<br>LR = 35.65  |
| <br><b>Lerwick</b> EJ194<br>LR = | <br><b>Portland</b> EJ016<br>LR = 14.26 | <br><b>Fair Isle</b> EJ186<br>LR =    | <br><b>Inverness</b> EJ175<br>LR = 31.48 | <br><b>Lead</b> EJ104<br>LR = 18.39   | <br><b>Staffa</b> EJ185<br>LR =          | <br><b>Galilee</b> EJ125<br>LR = 18.96 | <br><b>Adriatic</b> EJ154<br>LR = 8.79 |
| <br><b>Lossie</b> EJ197<br>LR = | <br><b>Merrick</b> EJ048<br>LR = 12.23 | <br><b>Carron</b> EJ015<br>LR = 8.67 | <br><b>Cluanie</b> EJ180<br>LR = 4.13   | <br><b>Tummel</b> EJ038<br>LR = 6.65 | <br><b>Pitlochry</b> EJ076<br>LR = 8.59 | <br><b>Walten</b> EJ011<br>LR = 3.46  | <br><b>Black</b> EJ138<br>LR = 1.65   |

LR = Light Reflectance



## ACOUSTIC PERFORMANCE

Sound absorption Coefficient - Cloudsorba Echo II (with 100mm suspension)

| Frequency (Hz)     | 125  | 250  | 1000 | 2000 | 4000 | NRC  | Sound Absorption Class |
|--------------------|------|------|------|------|------|------|------------------------|
| Cloudsorba Echo II | 0.36 | 0.84 | 1.0  | 1.0  | 1.0  | 0.96 | A                      |

Sound absorption Coefficient - Cloudsorba Fabric (with 100mm suspension)

| Frequency (Hz)    | 125  | 250  | 500  | 1000 | 4000 | NRC  | Sound Absorption Class |
|-------------------|------|------|------|------|------|------|------------------------|
| Cloudsorba Fabric | 0.38 | 0.92 | 0.96 | 0.99 | 0.97 | 0.95 | A                      |





## ENVIRONMENT



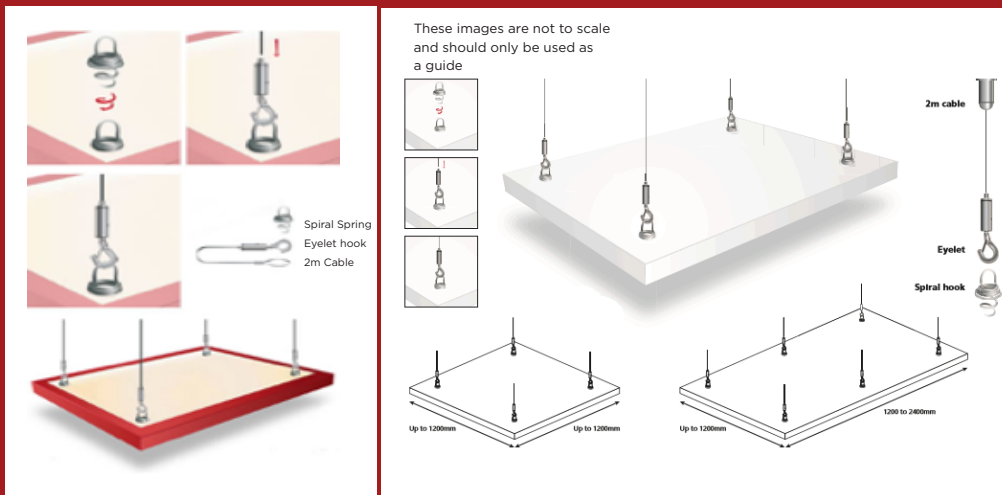
**Serenty Glass fibre sound absorbing boards consist of recovered household glass and recycled glass fibre.**

The fabric range used is made from 100% recycled materials saving virgin raw materials, reducing waste to landfill and minimising our damage to the environment.

Made using sustainable manufacturing techniques, including green electricity, comprehensive energy and effluent management, borehole water and on-going waste saving initiatives, Second Nature fabrics leave a lighter environmental footprint. Our ethos is focused on continuing to achieve the highest environmental standards for our operations, products and innovations, engaging with, and acting responsibly towards, our local community and wider interest groups



A range of squares and circle clouds not only achieves excellent acoustic properties but create an attractive visual effect



## INSTALLATION

The installation time is fast as the Serenity Cloud Acoustic Panels are simply suspended by steel wires from the soffit by means of special spiral hooks which are fitted in the rear of the acoustic panels. Also, this means that non-specialist fitters can be used to carry out the installation.

The depth in suspension is simply adjusted by adjusting the length of the steel suspension wire. This also allows the panels to be installed at sloping angles if required, again adding to the visual design possibilities.

The spiral hooks should be placed between 200mm to 300mm from the edge of the Serenity Cloud panels. For sloping panel installations, we recommend the largest panels to be no more than 700mm x 700mm.

Clean white gloves must be used when handling these panels to avoid marking them. The installation time is fast as the wall acoustic panels are simply suspended by steel wires from the soffit by means of special spiral hooks which are fitted in the rear of the acoustic panels. Also, this means that non-specialist fitters can be used to carry out the installation.

The depth in suspension is simply changed by adjusting the length of the steel suspension wire. This also allows the panels to be installed at slightly sloping angles if required, again adding to the visual design possibilities. The spiral hooks should be placed between 200mm to 300mm from the edge of the panels.

The suspension kit consists of a spiral hook and adjustable 2m cable.



Lower Sound  
and Raise Your  
Style with  
Flowing Wave  
Tiles

## SERENITY WAVE

Serenity Wave acoustic tiles provide high noise absorption for areas such as high-tech offices, airports, schools, entrance areas, music or television studios and retail stores.

Serenity Wave's acoustic tiles comprise of high-performance acoustic fire-rated foam, which is upholstered with a multitude of, soft, soothing colour acoustic fabrics. The fabric is covered on the face and edges and returns approx. 2 inches to the back.

### **FLAMMABILITY**

#### **Foam**

BS 5852: Part 2: 1982.  
Ignition source 5  
(Crib 5)

#### **Fabric**

BS 476: Part 7 - Class  
1, BS 476: Part 6 -  
Class O





## SERENITY BAFFLE

**Serenity Baffle™ ecopaint are Class A high performance baffles used to absorb noise in buildings.**

Serenity Baffle is particularly useful in situations where the roof space needs to support various services, or it is important to allow natural light. Not only are excellent acoustic results achieved in this way, but aesthetically innovative solutions are created.

Typical uses are in schools, leisure centres, exhibition areas, offices, factories, studios and other internal building areas.

The standard Serenity Baffle ecopaint surface finish comes in white RAL 9016. However, they can be emulsion spray painted on site to any colour with little significant effect on acoustical performance. The panels can be painted for aesthetic reasons or even in the future to cover dirty marks.



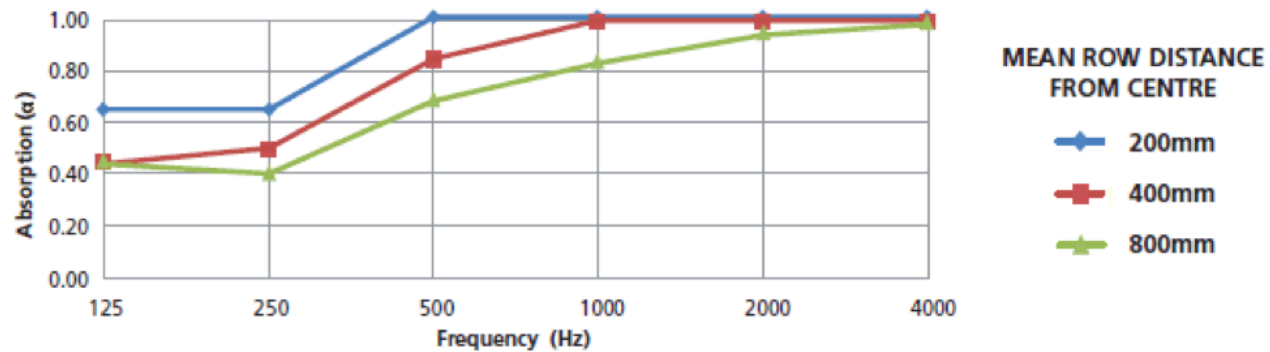
Turn your ceiling  
into a functional  
work of Art



## ACOUSTIC PERFORMANCE

Class A absorbers – Sound absorption coefficients.

| Frequency (Hz)                        | 125  | 250  | 500  | 1000 | 2000 | 4000 | Class |
|---------------------------------------|------|------|------|------|------|------|-------|
| Bafflesorba ecopaint at 200mm centres | 0.65 | 0.65 | 1.00 | 1.00 | 1.00 | 1.00 | A     |
| Bafflesorba ecopaint at 400mm centres | 0.45 | 0.50 | 0.85 | 1.00 | 1.00 | 1.00 | B     |
| Bafflesorba ecopaint at 800mm centres | 0.45 | 0.40 | 0.70 | 0.85 | 0.95 | 1.00 | C     |





## SERENITY CLOUD

### Ecopaint Suspended Acoustic Ceiling Panels

This version of Serenity Cloud has an Arctic white speckled painted finish on all 6 sides, giving a crisp visually attractive appearance. The panels are normally fitted as individual stand-alone panels as a design feature, with the distance between the adjacent panels to suit the customer needs. The perimeter of the panels is square edged. These panels are NOT designed for impact resistance.



#### **NOMINAL DIMENSIONS**

##### **Standard sizes**

1200 x 1200 x 40mm thick

2400 x 1200 x 40mm thick

##### **Circle Panels:**

800 diameter x 40mm thick

1200 diameter x 40mm thick

#### **ACOUSTIC RATING**

These are Class A sound absorbers.  
With 200mm air gap:

#### **FIRE**

The panels are Class 0 fire rated to  
BS476: Part 6.

#### **WEIGHT**

Nominal 4 kg/m<sup>2</sup>



The standard Serenity Cloud - Ecopaint surface finish comes in a visually pleasing Arctic white speckled painted finish. However, they can be emulsion spray painted on site to any colour with little significant effect on acoustical performance.

The panels can be painted for aesthetic reasons or even in the future to cover any dirty marks or maybe discolouration from cigarette smoke, etc. It is important that the paint is water based matt emulsion painted and is applied in a very light mist spray coat so that the acoustics are not affected.

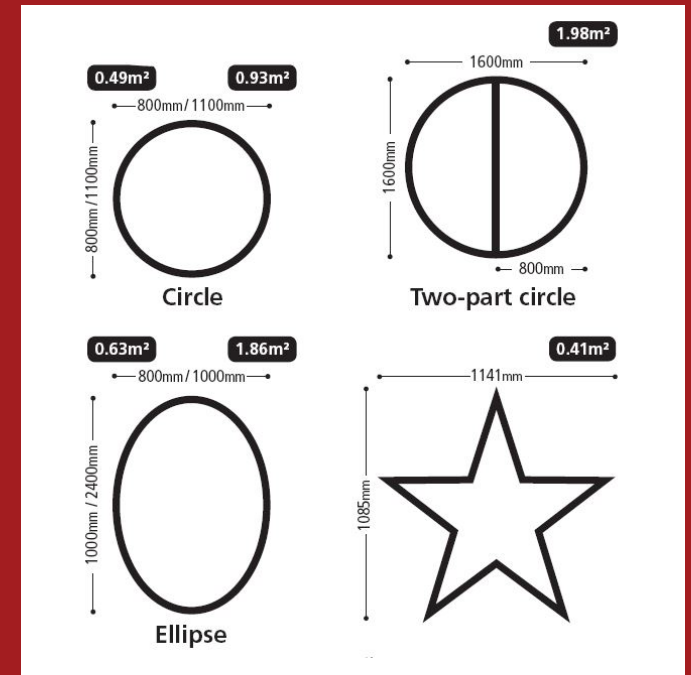
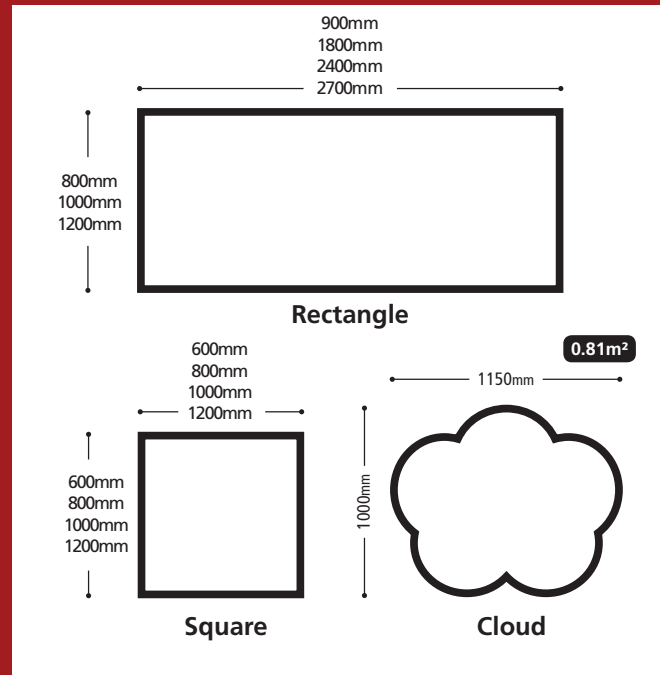
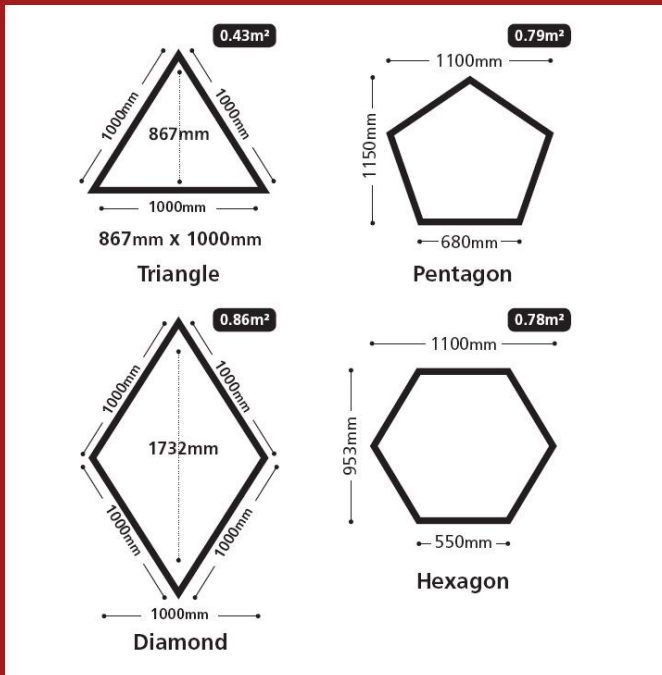
**Strong, Subtle and Perfectly Suited  
to any Environment**

The Serenity Clouds come in many shapes, sizes and colours to meet your specific needs. They are unique and add the effect of visual beauty to any space.





## SERENITY WALL & CLOUD SORBA SHAPES

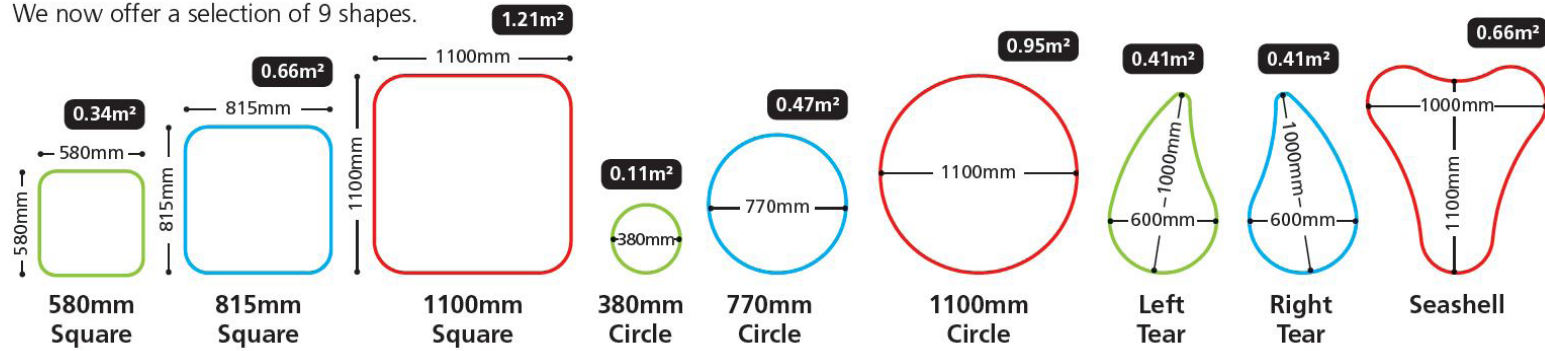




## SERENITY BUBBLE SHAPES

### SHAPES

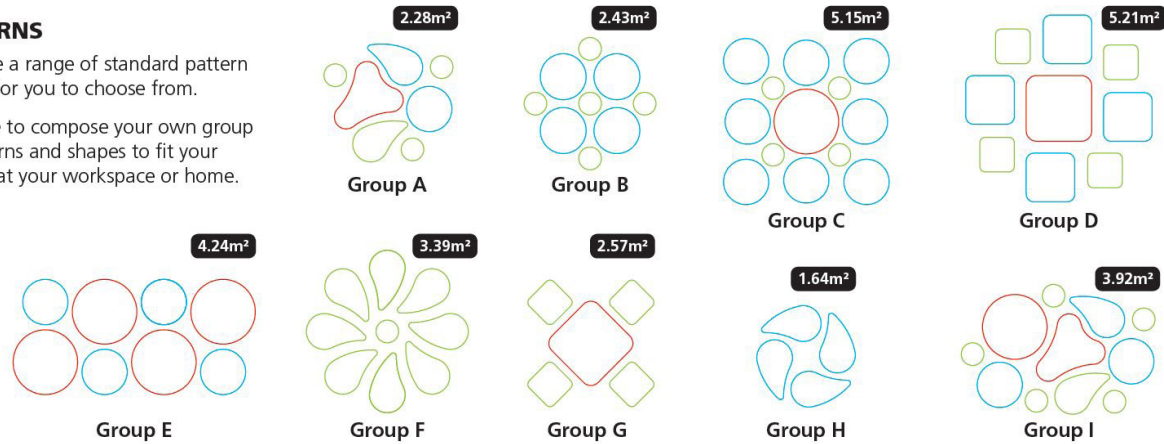
We now offer a selection of 9 shapes.



### PATTERNS

We have a range of standard pattern groups for you to choose from.

Feel free to compose your own group of patterns and shapes to fit your interior at your workspace or home.





[LEARN MORE](#)

### **Problem**

Unwanted sound is formed by waves that are reflected from solid surfaces that have limited absorption, such as wood floors, glass, walls and ceilings. Ideally, sound travels in one direction from the speaker to the listener. Today in many offices, schools, healthcare facilities, government buildings and indoor public areas (e.g. libraries, concert halls and museums), sound reflects off hard surfaces creating echoes. These echoes diminish voice intelligibility, making words hard to understand. We have all experienced acoustic “reverberation”, or echo, in large open spaces. Working or being in a noise polluted environment is stressful and reduces productivity and enjoyment

### **Solution**

Better acoustics requires reducing these secondary sound paths with sound absorbing materials. The Serenity acoustic panels are an ideal solution to reduce echoes in conference rooms, call centres, restaurants, hotels, houses of worship, classrooms, retail stores and movie theatres. These commercial grade panels are designed for many years of use.

### **Performance**

The Serenity is a high specification acoustic panel system. They are durable, fire rated, visually pleasing and offer excellent acoustic performance. They are the decorative solution to your sound control needs

### **Aesthetic And Design Qualities**

The Serenity acoustic panels will transform a stark echoing area into a warm, quieter, congenial work place. The panels have been designed with a commitment to creating a product that is as stylish as it is functional. They are manufactured from resin bonded glass fibre specifically tooled and pressed for maximum sound absorption. The panels are fabric finished hence forming an acoustic panel which is decorative, durable and resistant to mild impacts