



Shush Impacta™

Impact Resistant Acoustic Wall Panels

Shush Impacta™ - Acoustic Wall Panels are designed to provide excellent sound absorption performance and are perfect for controlling reverberation time and reduce echo in public buildings. The fabric & core board is developed to withstand impact in sports halls and other similar areas.

Soundhush®
innovative sound solutions

www.soundhush.com



What is Shush Impacta™?

Shush Impacta™ Acoustic Wall Panels offer an impact resistant surface for areas where an element of impact resistance and durability is required. Shush Impacta™ Acoustic Wall Panel is a rigid and durable acoustic panel manufactured from recycled fiberglass. The panels are used in sports halls, gymnastic halls, schools, leisure centres, universities, theatres, concert halls, hospitals, libraries, restaurants, hotels, and other areas where sound absorption is required.

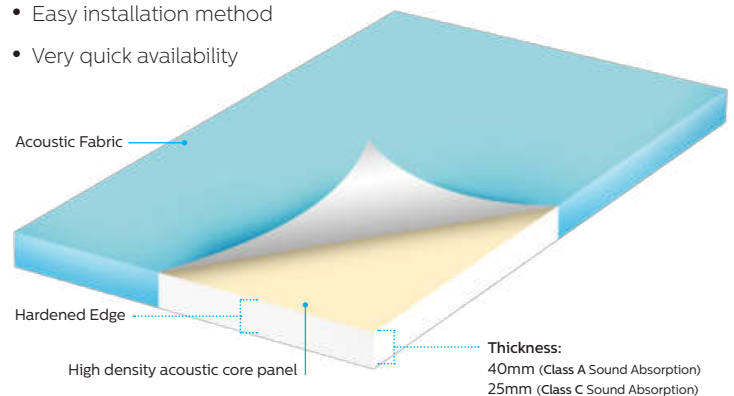
Shush Impacta™ Acoustic Wall Panels have been tested for sports halls, games and multi-purpose use and tested for safety against ball throwing and are certified to DIN 18032-3: 1997-04

The panel is fabricated in a range of colours to suit your individual requirements. Shush Impacta™ Acoustic Wall Panels are available in standard size panels and can be manufactured in customised sizes to meet your requirement.

The combination of the durable fabric and high density fibre glass core panel creates a durable and impact resistant acoustic wall panel.

Advantages of Shush Impacta™ Acoustic Wall Panels:

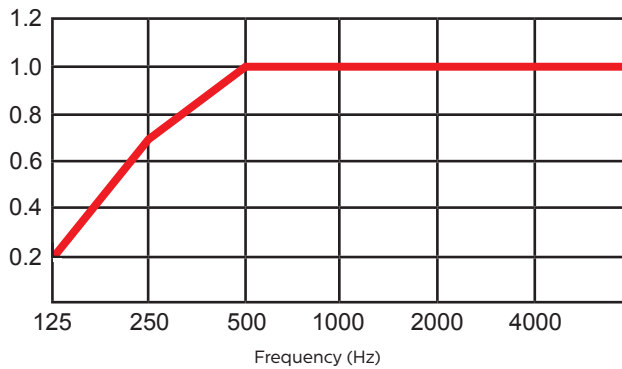
- Impact Resistant
- Outstanding sound absorption performance – Class A and Class C
- 123 standard fabric colours available
- Easy installation method
- Very quick availability



Technical + Acoustic Performance

Class A Acoustic Absorber – 40mm Thickness

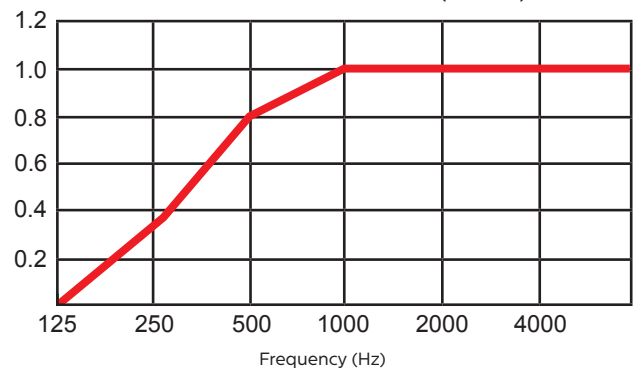
Acoustic Performance BS EN ISO 354:2003
Noise Reduction Coefficient 0.95 (i.e. 95%)



Direct fixed backing

Class C Acoustic Absorber – 25mm Thickness

Acoustic Performance BS EN ISO 354:2003
Noise Reduction Coefficient 0.95 (i.e. 85%)



Direct fixed backing

Higher absorption can be achieved when installed with a cavity



IMPACT RESISTANT

Tested to **DIN 18032-3: 1997-04** Sports halls, gymnastic halls, games and multi-purpose use-Part 3: tested for safety against ball throwing.



CLEANING

Light dirt marks may be removed by using a proprietary carpet spot cleaner. A small area should be tested before doing the rest of the area to ensure that the fabric is not adversely affected.



FIRE

Shush Impacta™ core board has been tested and offers EN 13501-1:2018 A2-s1, d0 and Class O fire rating to BS476: Part 6.

Fabric facing complies with:

Era: EN 13501-1, Class B, s1, d0

Cara/Lucia: Class 1 to BS476: Part 7 and EN1350-1

Class B, s1, d0

Sonus: EN1350-1 Class B, s1, d0

Class O fabrics can be supplied on request



WEIGHT

Our Shush Impacta™ Acoustic Wall Panels weigh in at 3.8kg/m² for the 25mm thickness panels. 40mm thickness panels weigh 4.8kg/m².

Note: All weights are given as approximations.

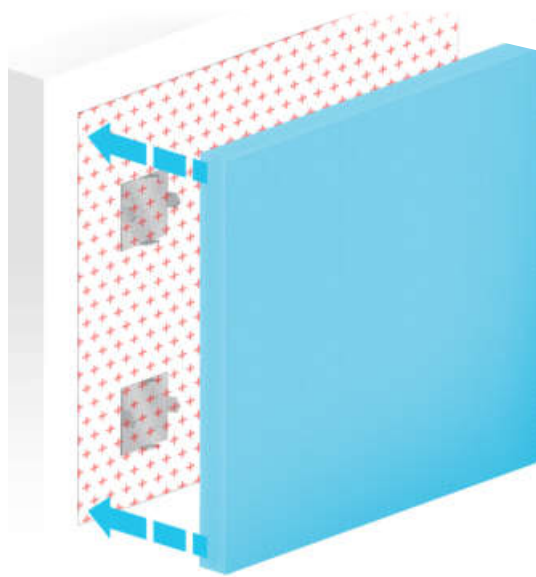


CUTTING

Shush Impacta™ Acoustic Wall Panels can be cut with a sharp Stanley knife.



Shush Impacta™



Shush Impacta™ Acoustic Wall Panels allows for a secure installation of without the added aesthetic or visible trims. Instead, each panel is custom manufactured to the size required and the fabric is wrapped around all 4 edges. The panel is simply bonded to the wall by using our impaling clips and ShushBond adhesive.

Our impaling clips & ShushBond™ contact adhesive make light work of installations – Whether your applying panels to concrete, masonry, wood, plaster, or metal. Our Impaling clips are available in 2 different depths to accommodate both panel thicknesses. The correct clips & quantities will be included with your order, whatever the thickness.

Standard Sizes: (40mm or 25mm thickness)

- | | |
|---------------|---------------|
| 1200 x 600mm | 1200 x 1800mm |
| 1200 x 900mm | 1200 x 2400mm |
| 1200 x 1200mm | 1200 x 2700mm |

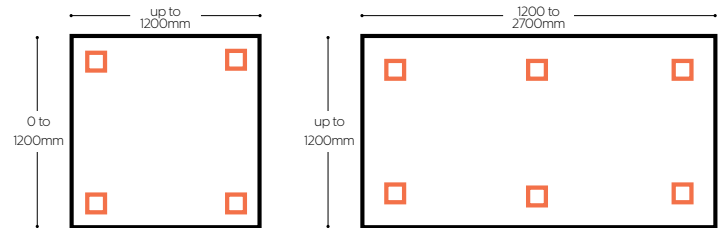
Due to the directional weave in our fabrics, it is essential that the height & width dimension of each panel be stated when ordering.

Dimensional tolerance of panels: +/- 4mm.

Shush Impacta™ – Acoustic Wall Panels Bespoke System Components:



We recommend using the following number of impaling clips for the appropriate panel sizes.

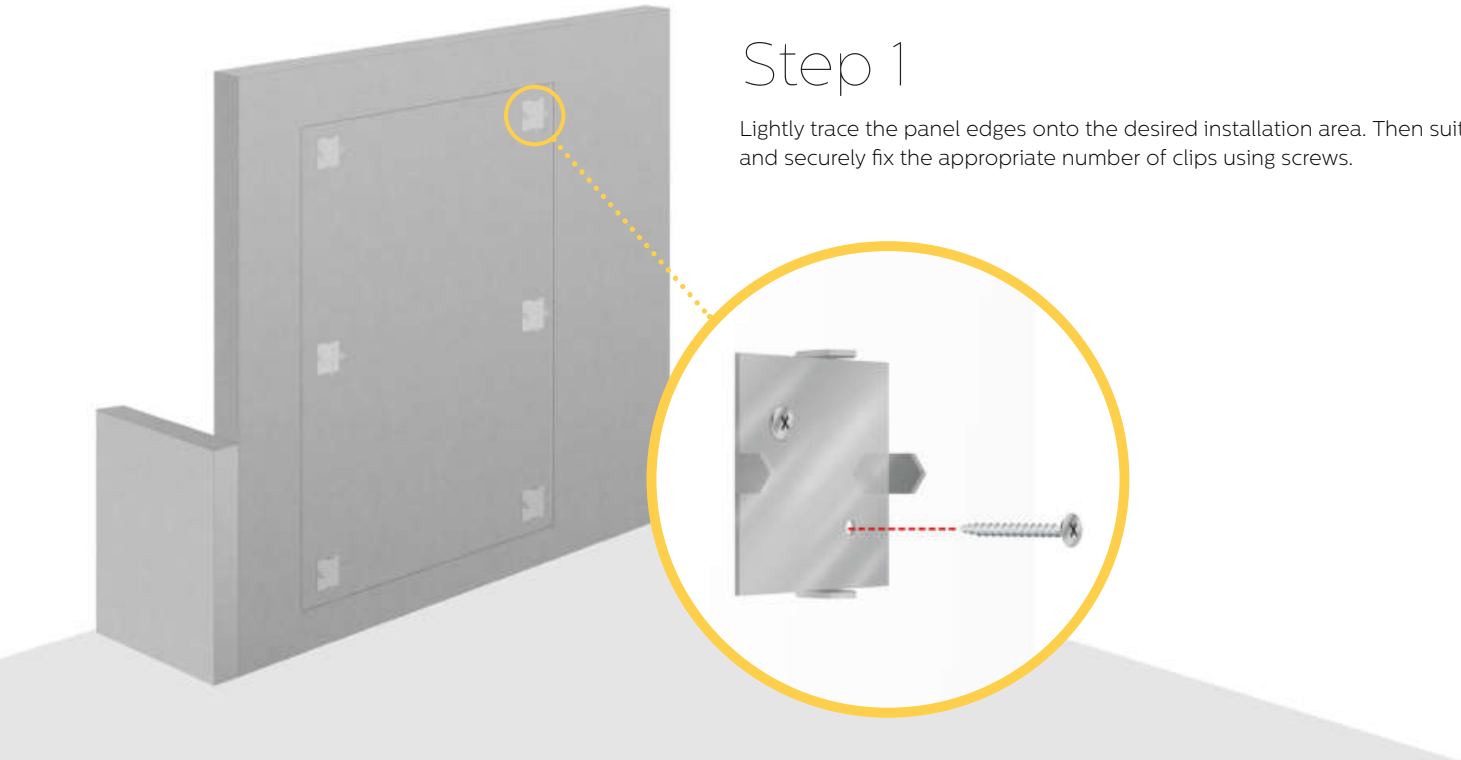


Installation

Ensure all wall surfaces to which the panel will be applied to are clean and dry. Panels can be fixed to most surfaces including concrete, plasterboard and block work providing they are solid. Wallpaper should be removed. Gloss paint roughened. Emulsion paint brushed with a stiff brush.

Step 1

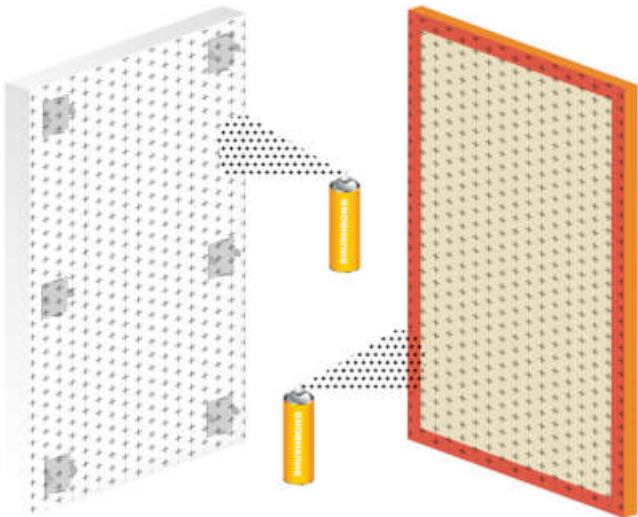
Lightly trace the panel edges onto the desired installation area. Then suitably and securely fix the appropriate number of clips using screws.



Step 2

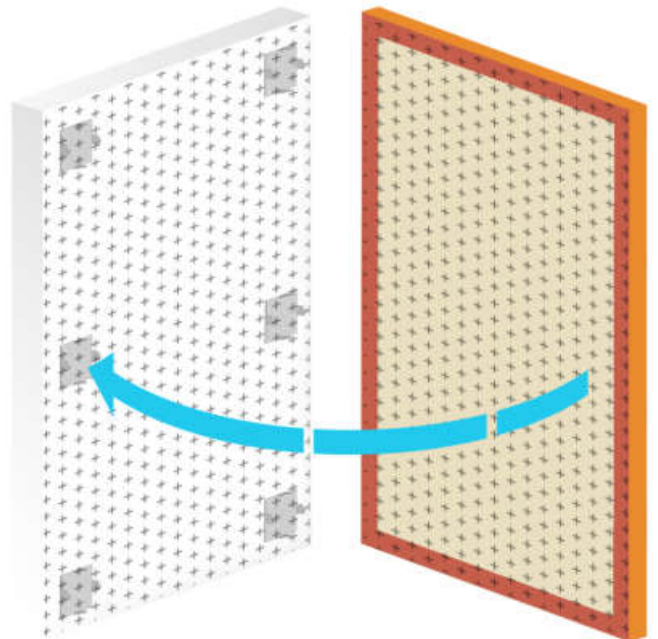
Spray ShushBond™ contact adhesive vertically onto the panels reverse surface and horizontally onto the desired installation area. Be sure to spray over the clips with ShushBond™.

!!! ShushBond™ should be applied to 100% of the surface area on both surfaces !!!



Step 3

After waiting for the adhesive to dry (2-5 minutes at 23°C) carefully align the panel to the marked area and push gently - allowing the clip spikes to bite into the panel. Once confident with the panel positioning, press firmly over the entirety of the surface and ensure maximum contact has been made with the wall.



Panels MUST be checked for colour shading differences, flaws, defects or damage prior to installation. Once installation has been commenced, the panels are deemed to have arrived in perfect condition – any of the above reported after installation will not be covered by your warranty

Note: SoundHush Ltd will not accept any liability for the loss or damage that may occur of any kind which is outside of our control. We strongly instruct to make sure the product suitability is confirmed by doing your own tests. Panels MUST be checked for colour shading differences, flaws, defects or damage prior to installation. Once installation has been commenced, the panels are deemed to have arrived in perfect condition – any of the above reported after installation will not be covered by your warranty



Fabric Colours

Whatever your décor – Whatever your style – we are sure to have you covered with our extensive range of fabric colours.

ERA COLOUR RANGE



!!! Please note that the above colors are representative of the actual colours which may vary in shade or texture. We are able to provide actual fabric colour card upon request !!!

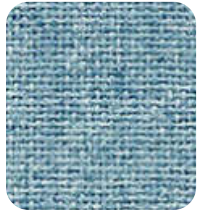
Fabric Colours

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CARA COLOUR RANGE



Glass EJ004



Dolphin EJ105



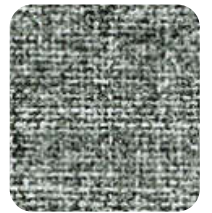
Galilee EJ125



Adriatic EJ154



Inverness EJ175



Lead EJ104



Spray EJ033



Lomond EJ192



Austen EJ173



Beltane EJ193



Shetland EJ191



Lossie EJ197



Tummel EJ038



Pitlochry EJ076



Maree EJ195



Fair isle EJ186



Staffa EJ185



Lora EJ187



Ronay EJ189



Easdale EJ188



Walten EJ101



Portland EJ016



Merrick EJ048



Chaucer EJ172



Hillswick EJ190



Denny EJ196



Black EJ138



Clan EJ169



Carron EJ015



Lerwick EJ194



Cluanie EJ180

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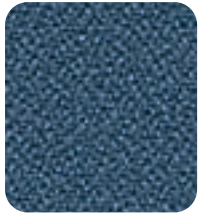
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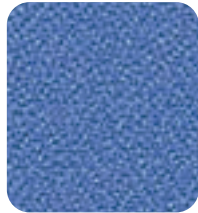
LUCIA COLOUR RANGE



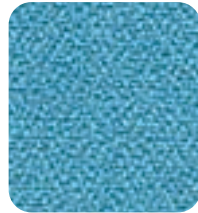
Adobo YB165



Martinique YB004



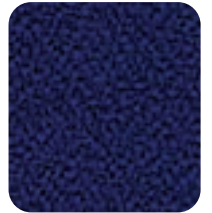
Bluebell YB097



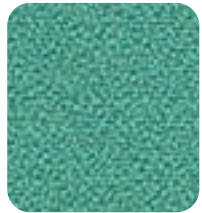
Marianna YB157



Steel YB095



Ocean YB100



Campeche YB301



Madura YB156



Apple YB096



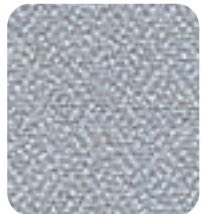
Windjammer YB047



Montserrat YB011



Paseo YB019



Rum YB086



Aruba YB093



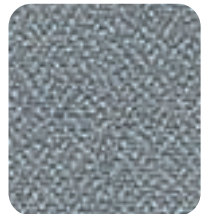
Slip YB094



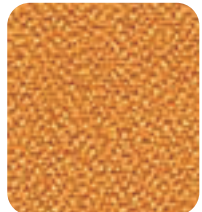
Oyster YB107



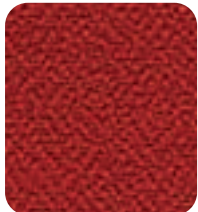
Blizzard YB108



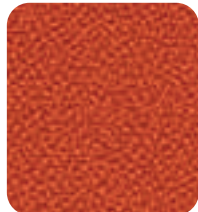
Buru YB170



Solano YB088



Calypso YB106



Lobster YB087



Tortuga YB168



Belize YB105



Bridgetown YB102



Sombrero YB046



Tarot YB090



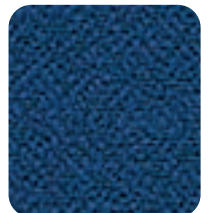
Havana YB009



Sandstorm YB302



Tequila YB038



Scuba YB089



Costa YB026

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SONUS COLOUR RANGE



Voice FHR02



Audio FHR06



Melody FHR07



Soul FHR13



Beat FHR03



Song FHR01



Pop FHR09



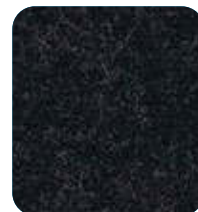
Acoustic FHR12



Chorus FHR17



Verse FHR16



Amp FHR05



Music FHU04



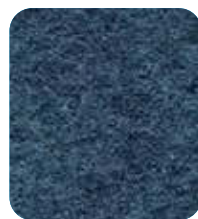
Vocal FHU08



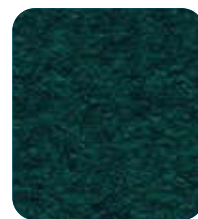
Chime FHU10



Rap FHU11



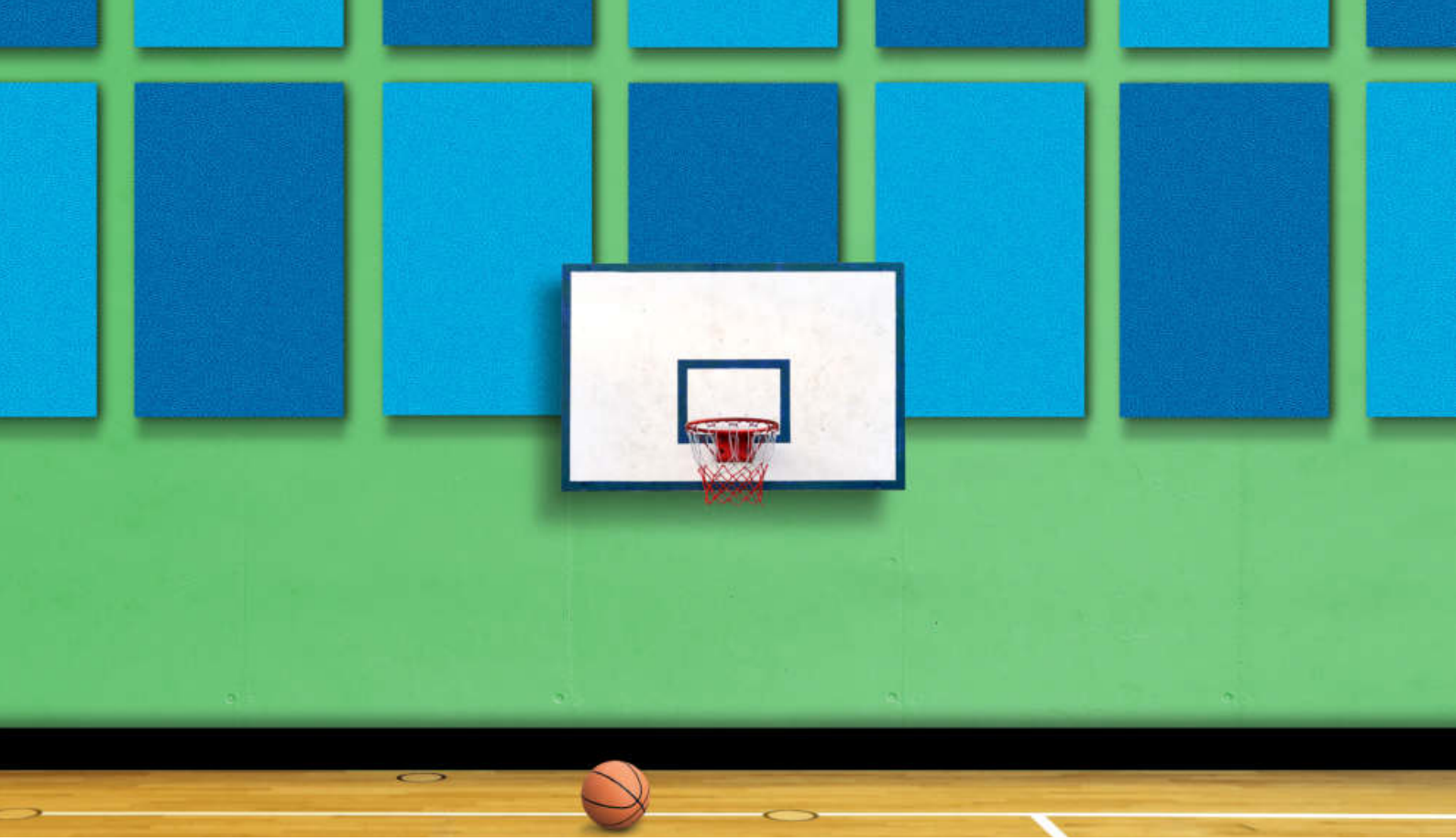
Classical FHU14



Lyric FHU15

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Product Specification

1. Product

Install with the following components:

Shush Impacta™ - Acoustic Wall Panels

Size of panel:mm (h) xmm (w)
 40mm thick Class A Absorption
 25mm thick Class C Absorption
 ShushBond ShBond 500ml Cans
 Impaling clips

2. Finish

Fabric colour to be chosen from the SoundHush standard range:

<i>Era</i>	Colour.....	CSE.....
<i>Cara</i>	Colour.....	EJ
<i>Lucia</i>	Colour.....	YB
<i>Sonus</i>	Colour.....	FHR..... FHU.....

3. Delivery, Storage & Handling

Protect Shush Impacta™ - Acoustic Wall Panels from excessive moisture when storing, and handling.

4. Installation

Install Shush Impacta™ - Acoustic Wall Panels in locations indicated, top edges level and in alignment with other panels.
 Comply with manufactures written instructions for installation of panels using type of fixing accessories indicated as recommended by the manufacturer.

5. Cleaning

A. After completion of installation of panels, remove dust on panels.
 B. Remove surplus material, rubbish, and debris resulting from panel installation, on completion of the work, and leave areas of installation in a neat and clean condition.

6. Supplier

Shush Impacta™ - Acoustic Wall Panels system as supplied by:
 SoundHush Ltd, Atlantic House, Gomm Road, High Wycombe, Bucks, HP13 7DJ, United Kingdom
 Tel: 01494 422 482 E. info@soundhush.com W. www.soundhush.com



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