For Acoustic Solutions you can SHOUT about
Soundproofing and Sound Absorption Products for all types of Residential and Commercial Projects

Whatever your acoustic problem, we have a solution. If it's meeting the Building Regulations, difficulties with noisy neighbours or simply the need for more peace and quiet, the JCW Acoustic Supplies range is the easy to install, cost effective answer.

THE PRODUCTS
Our JCW Acoustic Supplies products are suitable for new build, material change of use, refurbishment and home improvement situations.

The comprehensive range includes:
- Acoustic Floors
- Acoustic Walls
- Acoustic Ceilings
- Acoustic Timber Doors
- Acoustic Barriers, Fencing and Gates for the outside
- Acoustic Ancillaries
- Sound Absorption Products

THE BUILDING REGULATIONS
Using products that have been extensively tried and tested for many years, the JCW Acoustic Supplies Range leads the way in meeting Approved Document E (England & Wales) and Section 5 (Scotland). A useful guide to the Acoustic Requirements of the Building Regulations is on Pages 4 of this brochure.

SUSTAINABILITY
JCW Acoustic Supplies is committed to caring for the environment and recycles material wherever possible. All JCW Acoustic Supplies timber products are bought from a sustainable, traceable source.

ACOUSTIC SOLUTIONS AT A GLANCE
See Pages 4 and 5 for a straightforward guide to the JCW Acoustic Supplies range and the products which comply with Robust Detail, Approved Document Part E for England, Wales and Scotland and which products to use for general acoustic improvements and refurbishment. See Page 6 for General Guidance to follow when installing our acoustic products.

CE MARKING AND CONSTRUCTION PRODUCTS REGULATIONS
Only products produced/supplied to a specific hEN can be CE marked. Where a CE mark is required, all supporting documentation (CE mark and Declaration of Performance) can be found at www.acoustic-supplies.com as a pdf download option on the particular product page.

HELP, ADVICE AND TECHNICAL SUPPORT ALL THE WAY
We'll make it easy for you to get it right first time when you are installing an acoustic solution by JCW Acoustic Supplies.

For larger projects or where needed, we can also offer:
- Installation Guides
- Indepenant Indicative Acoustic Tests and UKAS Accredited Acoustic Tests

For all Sales, Quotes or Technical Advice or to discuss your project and decide which of our acoustic products you'll need to achieve the required acoustic improvement or performance, contact the number shown at the base of each product page.

OVERVIEW
What we offer 2
Building Regulations 4
Methods of Compliance 5
Installation Guidance 6

ROBUST DETAIL (FFT OVERLAYS )
Batten JCW 50C (FFT-3) Concrete 7
Batten JCW 80C (FFT-1) Concrete 8
Batten JCW 90T (FFT-1) Timber 9
Batten JCW 90T (FFT-1) Timber 10
Cradle & Batten System (FFT-2) Concrete 11
Deck 19 (FFT-5) Concrete 13
Deck 28 & 32 (FFT-5) Concrete 14
Perimeter Edging Strips 35

PCT/PT & REFURBISHMENT FLOORS
Deck 28 & 32 Timber 15
Deck 33 Timber 16
Deck 37C 17
Deck 34 & Deck 37 18
Impactalay & Impactalay Plus 19
Acoustic Screed Foam Pack 20
Impacta Rubber 21
Acoustic Quilt 22
Perimeter Edging Strip 35

WALLS IMPROVEMENT
Silent Board 23
Acoustic Quilt 24-25
Isolation Strips 26
Fire & Acoustic Socket Box Inserts 26

MULTI-PURPOSE PRODUCTS
(WALLS, FLOORS & CEILINGS)
Barrier Matting 27
RR20 Multi-Purpose Matting 28
Sound Stop Pads 29
Acoustic Ceiling Pads 30
Thermal & Acoustic Ceiling Pads 31
Thermal Ceiling Pads 32
Noise Blocker Panel 33
Absorber Ceiling Tile 34
Fire & Acoustic Downlighter Covers 35

ABSORPTION, DOORS & FENCING
Sound Absorption 36-37
Acoustic Doors 38
Acoustic Fencing 39

Disclaimer: The product and installation information contained in this publication is to the best of our knowledge correct at the time of printing. We recommend you contact us direct, prior to starting works, for the latest Data Sheet information to enable confirmation of the specification.
Acoustic Requirements

APPROVED DOCUMENT E 2003
(ENGLAND AND WALES)

Dwelling-houses and flats - Performance standards for separating walls, separating floors and stairs that have a separating function between dwellings.

New Build

<table>
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<tr>
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<th>Airborne Sound Insulation $D_{wT,W}$ + $C_{pB}$ dB (minimum values)</th>
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<td>Floors and stairs</td>
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<td>Conversions - Material Change of Use</td>
<td>45</td>
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<td>Conversions - Material Change of Use</td>
<td>62</td>
</tr>
<tr>
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<td>Rooms for residential purposes - Performance standards</td>
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<td>for separating walls, separating floors and stairs that have</td>
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<td>w/c within a residential property.</td>
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<td>Compliance with Approved Document E can be shown by</td>
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<td>Pre-Completion Testing</td>
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<td>Sound insulation testing, to show compliance with the</td>
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<td>BS EN ISO 140-4:1998 (airborne)</td>
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<td>SECTION (SCOTLAND) STATES:</td>
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<td>Every building, which is divided into more than one area of</td>
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<td>a level that will not threaten the health of, or cause</td>
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|                      | For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri

Acoustic Solutions at a Glance

Methods of Compliance -
PCT/PT Approved Document E

<table>
<thead>
<tr>
<th></th>
<th>Floor Type (Refer to brochures for construction details)</th>
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<tr>
<td></td>
<td>Acoustic Batten JOW 80  Timber frame (bespoke</td>
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<td></td>
<td>Acoustic Batten JOW 80T</td>
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<td>Impacta Rubber Under</td>
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<td>Screwed Rubber Layer</td>
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<td>Acoustic Screwed Foam Pack</td>
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<td>Deck 33 &amp; Deck 37C</td>
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<td>Impactalake Plus 15mm Surface Mat Treatment</td>
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Method of Compliance -
Robust Detail (New Build dwellings only)

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<th>Product Range</th>
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<td>E-PC-1</td>
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<td>E-FC-1, 2</td>
<td>E-FS-1</td>
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<td>E-FC-8</td>
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</tbody>
</table>

These products have been independently tested in a UKAS accredited laboratory and meet or exceed the minimum performance criteria as stipulated in the Robust Details handbook.

Please refer to the Robust Details Handbook for the details of the required specification.

Key to Method of Compliance

PCT - Pre-Completion Testing (England & Wales)
PT - Performance Testing (Scotland)
FFT - Floating Floor Treatment

<table>
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<th></th>
<th>Walls</th>
<th>Product</th>
<th>Wall Type</th>
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<td>Walls</td>
<td>Acoustic Quilt</td>
<td>PCT/PT</td>
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<td>Floors and stairs</td>
<td>Acoustic Quilt</td>
<td>PCT/PT</td>
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<td>Floors and stairs</td>
<td>Metal Single Frame</td>
<td>PCT/PT</td>
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<td>Floors and stairs</td>
<td>Metal Twin Frame</td>
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<td>PCT/PT</td>
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<td>Acoustic Liner Solution</td>
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<td>Floors and stairs</td>
<td>Acoustic Silent Board</td>
<td>PCT/PT</td>
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For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
Installation Guidance

GENERAL GUIDANCE WHEN INSTALLING ACOUSTIC FLOATING FLOOR PRODUCTS
The building should be watertight, with all major works completed including plastering, plumbing etc. prior to the installation of the acoustic floating floor. Floating acoustic flooring is always best installed towards the end of the project. This reduces the possibility of high moisture levels leading to expansion and contraction or general damage due to high floor loadings and on-going construction works.
A brief installation guide for decking products is shown below. Full PDF installation guides are available for most products including Acoustic Battens, Cradles & Impactalay matting by calling 0845 340 2858.

GENERAL INSTALLATION OF ACOUSTIC DECKING (DECK 19, 28, 32, 33, 34, 37, 37C)
• All acoustic floors are installed as a floating floor (NO mechanical fixings are allowed).
• The acoustic flooring must be isolated from the perimeter walls using either 5mm (d) foam Perimeter Edging or L Shaped Strip. Lay the acoustic boards in a staggered (brick bond) pattern and adhesive bond all joints. Cut and scribe the boards to butt up to the foam Perimeter Edging Strip using Acoustic Sealant to fill any minor gaps. Skirting boards must also be isolated from the acoustic floor surface; either maintain a clear 5mm gap or sandwich the excess foam Perimeter Edging strip between the acoustic floor and skirting board.
• To avoid sound transference and maintain isolation between rooms, the acoustic flooring should not be continuous. At doorways, leave a 5mm gap between adjoining boards and butt seal the boards together against a 10mm bead of Acoustic Sealant.

To ensure that the acoustic floor installation is fully effective, extreme care should be taken to correctly detail and isolate the junctions between separating floors, walls & ceilings. If junctions are incorrectly detailed, the acoustic performance will be limited and the required improvements may not be achieved. The Laboratory Test Result indicated on the product data sheet is based on the structure shown. Penetrations through or within the separating elements (i.e. steel, down lighters, pipes, sockets etc.) will likely reduce the acoustic performance of any system. Please contact our Technical Helpline for further information.
General Installation guidance for all other products is available on individual Data Sheets.

DIRECT TO JOIST APPLICATIONS
Where height is a major issue we suggest temporary decking be employed during the main building works. Direct to joist products can also be laid onto existing flat floorboards or decking. Acoustic boards should always be conditioned prior to installation.

DECKING PRODUCTS AND JOIST CENTRES
The following JCW Acoustic Decking products have been tested and are suitable for direct-to-flat joint application as indicated below:

<table>
<thead>
<tr>
<th>JCW Product</th>
<th>Up to 400mm Joist Centres</th>
<th>Up to 600mm Joist Centres</th>
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<tbody>
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<td>Deck 28</td>
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<td>Deck 37</td>
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<td>Deck 37C</td>
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GENERAL RULES FOR LAYING DECKING (DIRECT TO JOIST)
18mm chipboard and 22mm cement particle board surfaces suit a maximum 400mm joist width. 22mm chipboard surface suits a maximum joist width of 600mm.

FFT-3 Resilient Composite Standard Batten: Timber Batten laminated to a 9mm acoustic resilient layer

Robust Detail (Registered Sites)
• Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
• Robust Batten JCW 50C = FFT-3 Floating Floor Types; E-FC-1, 2, 7 and E-FS-1 (screed layer varies based on floor type. Refer to Robust Details Handbook for full specification)
• Refer to page 5 for further information

PCT/PT & Refurbishment
• Verified independent UKAS accredited laboratory test data is based on the floor structure illustrated above
• It is essential all components are correctly installed and detailed to meet the requirements where Pre-completion Sound Testing is required
• Raised floor space can be used for installing services (services between battens must not penetrate resilient layer)
• Ideal for good impact sound improvement where height permits
• In Refurbishments: Overlay onto flat timber or concrete floors
• Refer to page 5 for further information

Size: 50mm x 42mm x 1800mm Weight: 1.9 kgs - Other batten sizes are available on request

Robust Detail Performance: Reduction in Impact Sound Transmission: rd ∆ Lw = 28 dB

Tests were carried out by Building Research Establishment Ltd. UKAS accredited test laboratory No. 0578 on December 3rd 2013. Test Report No. 291911.

Method of Compliance
Robust Detail, PCT/PT (Scotland)
See pages 4, 5 & 6 for more details and guidance

Ancillary Products
1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
1196 JCW Waterproof PVA Adhesive (1 Litre)
1027 JCW Acoustic Sealant (310ml)
Acoustic Batten

**JCW 80C**

**CONCRETE FLOOR BATTEN**

- FFT-1 Resilient Composite Deep Batten System: Timber Batten laminated to a 9mm acoustic resilient layer
- See pages 4, 5 & 6 for more details and guidance
- **Robust Detail (Registered Sites)**
  - Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
  - **Method of Compliance**
    - Method of Compliance
  - **PCT/PT & Refurbishment**
    - Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
  - **Ancillary Products**
  - Robust Batten JCW 80C
  - JCW L Shaped or Flat Perimeter Edging Strip
detail
  - Metal Ceiling System with 100mm (minimum) void and 1 layer of 8kgs/m² gypsum based board
  - Note: No mineral fibre quilt required between the Battens on FFT-1 concrete floor types E-FC-1, E-FC-2, E-FC-7 and E-FS-1, E-FS-2 Steel Deck and in-situ concrete floor type.

**Size:** 80mm x 42mm x 1800mm

**Weight:** 2.9 kgs - Other batten sizes are available on request

**Tests were carried out by Building Research Establishment Ltd, UKAS accredited test laboratory No. 0578 on December 3rd, 2013. Test Report No. 291911.**

**For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri**

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**Acoustic Batten

**JCW 80T**

**TIMBER FLOOR BATTEN**

- FFT-1 Resilient Composite Deep Batten System: Timber Batten laminated to a 9mm acoustic resilient layer
- See pages 4, 5 & 6 for more details and guidance
- **Robust Detail (Registered Sites)**
  - Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
  - **Method of Compliance**
  - **PCT/PT & Refurbishment**
    - Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
  - **Ancillary Products**
  - **Method of Compliance**
  - **PCT/PT & Refurbishment**
  - **Ancillary Products**
  - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or
  - 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
  - 1196 JCW Waterproof PVA Adhesive (1 Litre)
  - 1027 JCW Acoustic Sealant (310ml)

**Typical PCT Performance:** Airborne; DnT,w + Ctr = 49 dB Impact; L'nT,w = 52 dB

**Tests were carried out by Sound Research Laboratories, UKAS accredited test laboratory No. 0444 on the 7th October 2013. Test Report No. C/22610/T01**

**For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri**
Acoustic Batten
JCW 90T
TIMBER FLOOR BATTEN

Product Code: JCW 90T -

FFT-1 Resilient Composite Deep Batten System
Timber batten laminated to a 9mm acoustic resilient layer

Robust Detail (Registered Sites)
- Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
- Acoustic Batten JCW 90T = FFT-1 Floating Floor types: E-FT-7 & 8, and E-FT-2 (Refer to Robust Details Handbook for full specification)
- Refer to page 5 for further information

PCT/PT & Refurbishment
- Verified independent UKAS accredited laboratory test data is based on the floor structure illustrated above
- It is essential all components are correctly installed and detailed to meet the requirements where Pre-completion Sound Testing is required
- Refer to page 5 for further information

Size: 90mm x 42mm x 1800mm Weight: 2.9 kgs (JCW 90T) - Other batten sizes are available on request

Detail Performance: Reduction in Impact Sound transmission: rd ∆ Lw = 16 dB
Improvement in Airborne Sound insulation: rd Rw + Ctr = 49 dB

Tests were carried out by Sound Research Laboratories, UKAS accredited test laboratory No. 0444 on the 7th October 2013. Test Report No. C/2810/01

Typical PCT Performance: Airborne: DnT,w+Ctr = 49 dB Impact: LnT,w = 52 dB

Method of Compliance
Robust Detail, PCT/PT (Scotland)
See pages 4, 5 & 6 for more details and guidance

At a glance details and general guidance pages 4.5 & 6

Ancillary Products
- JCW Acoustic Cradle Levelling System
- JCW Acoustic Cradle Levelling System
- JCW Acoustic Cradle Levelling System
- JCW Acoustic Cradle Levelling System
- JCW Acoustic Cradle Levelling System
- JCW Acoustic Cradle Levelling System

Concrete Floor Cradle & Batten

Acoustic Cradle Levelling System
CONCRETE FLOOR CRADLE & BATTEN

Product Code: JCW 90T -

FFT-2 Resilient Cradle and Batten System

Robust Detail (Registered Sites)
- Verified independent UKAS accredited laboratory test data meets the Robust Detail requirements. Pre-completion Testing is not required
- Acoustic Cradles = FFT-2 Floating Floor types: E-FC-1, E-FC-2 & E-FC-7 (Beam & Block floor type E-FC-7 floor specification varies, refer to Robust Details Handbook for full specification)
- Refer to page 5 for further information

Method of Compliance
Robust Detail, PCT/PT (Scotland)
See pages 4, 5 & 6 for more details and guidance

Ancillary Products
- JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- JCW Flat Edging Strip (50 Lm x 150mm x 5mm)
- JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
Acoustic Impacta Mat 4551
CONCRETE FLOOR SOFT COVERING MAT

3.0mm & 4.5mm Recycled rubber bonded with cork granulate: Impact sound bonded surface layer for concrete floors

Robust Detail (Registered Sites)
• Verified independent UKAS accredited laboratory test data that meets Robust Detail requirements. Pre-completion testing is not required
• Impacta Mat 4.5mm = Bonded Resilient Floor Covering for floor type: E-FC-8 (Refer to Robust Details Handbook for full specification)
• Refer to page 5 for further information

PCT/PT & Refurbishment
• Verified independent UKAS accredited laboratory test data is based on the floor structure illustrated above
• Impacta Mat 4.5mm when fully bonded to the sub-floor meets the Building Regulation requirements for Impact Reduction on all pre-cast concrete/beam & block floors that have a minimum mass of 300kg/m²
• Impacta Mat 3mm provides a good Impact Reduction for new and refurbishment projects
• Suitable beneath most floor finishes e.g. laminate, carpet, vinyls and ceramic tiles. Seek specialist advice for tiles and vinyls
• Refer to page 5 for further information

Roll Sizes:
3.0mm x 1050mm x 20m (21.00 m²) Weight: 44.5kg
4.5mm x 1050mm x 10m (10.50 m²) Weight: 34.5kg

Reduction in Impact Sound transmission
4.5mm \( \Delta Lw = -21 \text{ dB} \)
3.0mm \( \Delta Lw = -18 \text{ dB} \)

Method of Compliance
Robust Detail, PCT/PT (Scotland)
See pages 4, 5 & 6 for more details and guidance

Ancillary Products
1027 JCW Acoustic Impact Mat Adhesive

Acoustic Deck 19
CONCRETE FLOOR OVERLAY BOARD

Moisture Resistant MDF based acoustic overlay board for concrete floors: 9mm t&g laminated to an acoustic resilient layer

Robust Detail (Registered Sites)
• Verified independent UKAS accredited laboratory test data that meets the Robust Detail requirements. Pre-completion testing is not required
• Acoustic Deck 19 = FFT-5 Floating Floor types E-FC-1,2 & E-FS-1 (screed layer varies, refer to Robust Details Handbook for full specification)
• Refer to page 5 for further information

PCT/PT & Refurbishment
• Verified independent UKAS accredited laboratory test data is based on the floor structure illustrated above
• It is essential all components are correctly installed and detailed to meet the requirements where Pre-completion Sound Testing is required
• Offers good impact sound improvement
• Deck ready for final floor finish e.g. laminates, carpets and carpet tiles (vinyls may require additional floor preparation)
• In Refurbishments: Overlaid onto flat timber or concrete floors

Sheet Size: 19mm x 600mm x 1200mm (0.72 m²) Weight: 5kg

Reduction in Impact Sound Transmission as tested in UKAS accredited laboratory: \( \Delta Lw \) 18 dB

Method of Compliance
Robust Detail, PCT/PT (Scotland)
See pages 4, 5 & 6 for more details and guidance

Ancillary Products
1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or
1176 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
1196 JCW Waterproof PVA Adhesive (1 Litre)
1027 JCW Acoustic Sealant (310ml)
Acoustic Deck 28/32
CONCRETE FLOOR OVERLAY BOARD

Moisture Resistant 18mm or 22mm P5 T&G Chipboard with a pre-bonded 10mm resilient foam layer

Robust Detail (Registered Sites)
- Verified independent UKAS accredited laboratory test data meets the Robust Detail requirements. Pre-completion Testing is not required
- Deck 28/32 – FFT-5 Floor Types: E-FC-1,2 & E-FS-1 (screed layer varies, refer to Robust Details Handbook for full specification)
- Refer to page 5 for further information

Economical overlay or direct to joist board

Acoustic Floating Floor: Moisture Resistant 18mm or 22mm T&G P5 chipboard with a pre-bonded 10mm foam resilient layer.

Refurbishment
- Low cost product ideal for both general and new domestic separating floor upgrades in lofts and extensions etc
- Good Impact and Airborne sound reduction
- Ideal for floated wood, laminate, carpets/carpet tiles.
- Refer to page 5 for further information

UKAS laboratory test data based on Direct to Joist construction: Impact: 56 dB Lnw, Airborne: Rw = Clr 52 dB

Method of Compliance
- PCT/PT (Scotland)
- Ancillary Products
  - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
  - 1196 JCW Waterproof PVA Adhesive (1 Litre)
  - 1027 JCW Acoustic Sealant (310ml)

Ancillary Products
- 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- 1196 JCW Waterproof PVA Adhesive (1 Litre)
- 1027 JCW Acoustic Sealant (310ml)

Method of Compliance
- PCT/PT (Scotland)
- At a glance details and general guidance pages 4, 5, 6

Data sheet 26.2

- 01 JCW Acoustic Deck 28/32
- 02 40mm min. directly applied sand & cement or proprietary screed (min 80kg/m²)
- 03 150mm (minimum) Density 300kg/m³ concrete Floor
- 04 JCW L Shaped or Flat Perimeter Edging Strip detail
- 05 Metal Ceiling System with 100mm (minimum) void and 1 layer of 8kgs/m² gypsum based board
- 06 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm)
- 07 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
- 08 1196 JCW Waterproof PVA Adhesive (1 Litre)
- 09 1027 JCW Acoustic Sealant (310ml)
- 10 Existing Subfloor
- 11 JCW L Shaped Flat Perimeter Edging Strip detail
- 12 130mm x 45kgs/m² Mineral Wool Slab
- 13 Resilient Bars and 2 layers x 15mm Acoustic Plasterboard
- 14 225mm depth Timber Joists

Data sheet 26.1

- 01 JCW Acoustic Deck 28/32
- 02 Deck 28 Sheet Size: 28mm x 600mm x 2400mm (1.44 m²) Weight: 18 kgs
- 03 Deck 32 Sheet Size: 32mm x 600mm x 2400mm (1.44 m²) Weight: 21 kgs
- 04 Reduction in Impact Sound Transmission ∆ Lw 18 dB

- 05 Method of Compliance
  - Robust Detail, PCT/PT (Scotland)
  - See pages 4, 5 & 6 for more details and guidance

- 06 Ancillary Products
  - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
  - 1196 JCW Waterproof PVA Adhesive (1 Litre)
  - 1027 JCW Acoustic Sealant (310ml)

- 07 Method of Compliance
  - PCT/PT (Scotland)
  - At a glance details and general guidance pages 4, 5, 6

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
Chipboard based premium acoustic overlay or direct to joist board for timber floors

**Acoustic Deck 33**

**PREMIUM OVERLAY OR DIRECT TO JOIST BOARD**

*Chipboard based premium acoustic overlay or direct to joist board for timber floors*

**Acoustic Floating Floor:** Moisture Resistant 18mm P5 t&g chipboard with a pre-bonded 15mm high performance resilient layer

**Refurbishment**
- Ideal for both general and new domestic separating floor upgrades in lofts and extensions etc
- Enhanced Impact and Airborne sound reduction via superior 15mm barrier-foam-barrier pre-bonded backing
- Ideal decking for floated wood, laminate, carpet/carpet tiles. Additional floor preparation will be required for tiling and vinyl overlays
- Refer to page 4, 5 & 6 for further information

**Sheet Size:** 33mm x 600mm x 2400mm (1.44 m²) **Weight:** 26.5 kgs

UKAS laboratory test data based on Direct to Joist construction: Impact: 51 dB Ln,w Airborne: Rw + Ctr 55 dB

**Method of Compliance**
- PCT/PT (Scotland)
- Ancillary Products
  - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
  - 1196 JCW Waterproof PVA Adhesive (1 Litre)
  - 1027 JCW Acoustic Sealant (310ml)

**Acoustic Deck 37C**

**PREMIUM OVERLAY OR DIRECT TO JOIST BOARD**

*Chipboard based acoustic deck for direct to joist fitment or onto an existing sub-floor*

**Acoustic Floating Floor:** Moisture Resistant 22mm P5 t&g chipboard with a pre-bonded 15mm high performance resilient layer

**Refurbishment**
- Ideal for both general and new domestic separating floor upgrades in lofts and extensions etc
- Enhanced Impact and Airborne sound reduction via superior 15mm barrier-foam-barrier pre-bonded backing
- Ideal decking for floated wood, laminate, carpet/carpet tiles. Additional floor preparation will be required for tiling and vinyl overlays
- Refer to page 4, 5 & 6 for further information

**Sheet Size:** 37mm x 600mm x 2400mm (1.44 m²) **Weight:** 31 kgs

UKAS laboratory test data based on Direct to Joist construction: Impact 52 dB Ln,w Airborne: Rw + Ctr 55 dB

**Method of Compliance**
- PCT/PT (Scotland)
- Ancillary Products
  - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm) or 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
  - 1027 JCW Waterproof PVA Adhesive (1 Litre)
  - 1027 JCW Acoustic Sealant (310ml)
Acoustic Deck 34 & Deck 37

DECK 34 PREMIUM OVERLAY BOARD OR DECK 37 DIRECT TO JOIST BOARD

- Ideal domestic Impact and Airborne sound insulation
- See data sheet for further guidance
- Refer to page 4, 5 & 6 for more information

- Due to the resilient nature of Impactalay & Plus, thin
  - Easily cut, trimmed and shaped for fast installation

12mm Impactalay/

Refer to page 4, 5 & 6 for more information

- DECK 34 PREMIUM OVERLAY BOARD
  - Acoustic Deck 34
  - Acoustic Floating Floor

- Acoustic Deck 34
  - 12mm t&g Cement Based Board with a pre-bonded 15mm high performance resilient layer
  - Resilient Bars and 2 layers x 15mm Acoustic Plasterboard
  - 225mm depth Timber Joists
  - 100mm x 45kgs/m² Mineral Wool Slab

- Method of Compliance
  - PCT/PT (Scotland)
  - Ancillary Products
    - 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm)
    - 1170 JCW Universal L Shaped Strip (2 Lm x 53mm x 23mm)
    - 1196 JCW Waterproof PVA Adhesive (1 Litre)
    - 1027 JCW Acoustic Sealant (310ml)

- Sheet Sizes: Deck 34: 34mm x 600mm x 1200mm (0.72 m²) Weight: 24 kgs
  - Deck 37: 37mm x 600mm x 1200mm (0.72 m²) Weight: 27 kgs

- UKAS laboratory test data based on Direct to Joist construction: Deck 37 Direct to Joist or Deck 34 overlaid onto Decking
  - Deck 34 Impact: 49 dB Lnt.w Airborne: 57 dB Rw + Ctr
  - Deck 37 Impact: 50 dB Lnt.w Airborne: 57 dB Rw + Ctr

- Refurbishment
  - • Ideal for both general and new domestic separating floor upgrades in lofts and extensions etc
  - • Enhanced airborne sound reduction achieved via mass board weight, high performance barrier mat and foam pre-bonded impact layer
  - • Ideal decking for tiling, floated wood, laminate, carpets/
  - • Refer to page 4, 5 & 6 for further information

- Ancillary Products
  - 1022 JCW Impacta Adhesive
  - 1034 JCW Impactalay Gripper Strip
  - 1027 JCW Acoustic Sealant
  - 1028 JCW Impactalay Plus Gripper Strip

- Method of Compliance
  - PCT/PT (Scotland)
  - At a glance details and general guidance pages 4, 5, 6

Acoustic Impactalay & Acoustic Impactalay Plus

PREMIUM/RESILIENT OVERLAY MATTING

- Acoustic Overlay Matting System for timber and concrete floors

- Product Code: 1155 (15mm) Impactalay Plus: two acoustic layers of barrier mat with a resilient chip foam core
  - Product Code: 1154 (12mm) Impactalay: a single acoustic barrier mat layer with a resilient chip foam base

- Refurbishment
  - • Ideal domestic Impact and Airborne sound insulation product where height is restricted
  - • Easily cut, trimmed and shaped for fast installation
  - • Impactalay Matting can be loose laid with taped joints or fully bonded to the sub-floor. Carpets and Engineered Wood floor overlays can be laid directly on top. Gripper Edging Strips are required with carpet installations to raise and support the carpet gripper strips
  - • Due to the resilient nature of Impactalay & Plus, thin Wood Laminate will require a 6mm bonded ply layer. T&G 8mm MDF is suggested when installing bonded carpet, carpet tiles, vinyl & rubber flooring to reduce point loading & joint creasing
  - • See data sheet for further guidance
  - • Refer to page 4, 5 & 6 for more information

- Sheet Size: Impactalay: 12mm x 1200mm x 1000mm (1.2 m²) Weight m²: 8 kgs/m² Sheet Weight: 9.6 kgs
  - Sheet Size: Impactalay Plus: 15mm x 600mm x 1200mm (0.72 m²) Weight m²: 15 kgs/m² Sheet Weight: 10.80 kgs

- UKAS accredited laboratory test data for the Floor Construction above:
  - Impactalay (12mm):
    - Impact: 38 dB Lnt.w Airborne Rw + Ctr: 49 dB Rw + Ctr
  - Impactalay Plus (15mm):
    - Impact: 39 dB Lnt.w Airborne Rw + Ctr: 51 dB Rw + Ctr

- Ancillary Products
  - 1034 JCW Black Cloth Jointing Tape
  - 1022 JCW Impacta Adhesive
  - 1028 JCW Impactalay Plus Gripper Strip
  - 1196 JCW PVA
  - 1089 JCW Contact Adhesive
  - 1027 JCW MDF

- Method of Compliance
  - PCT/PT (Scotland)
  - At a glance details and general guidance pages 4, 5, 6

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
Acoustic Screed Foam Pack

CONCRETE FLOOR UNDER SCREED RESILIENT LAYER

Concrete Floor Types
- Acoustic Screed Foam Pack can be used on pre-cast concrete plank floors that have a minimum mass of 300 kg/m² with a ceiling type illustrated above
- Suitable for underfloor heating
- Screed Foam Pack is economical and easy to install. Pack includes 150mm (h), flanking strip and black cloth jointing tape

Acoustic Performance: Impact Ln,w = 54 dB Airborne DnT,w + Ctr = 49 dB

Method of Compliance
PCT/PT (Scotland)
At a glance details and general guidance pages 4, 5, 6

Acoustic Impacta Rubber

CONCRETE FLOOR UNDER SCREED RESILIENT LAYER

Concrete Floor Types
- Impacta Rubber can be used on all pre-cast concrete plank/beam & block floors that have a minimum mass of 300 kg/m² and a metal framed ceiling type as illustrated above
- Suitable for underfloor heating
- Impacta Rubber is economical and easy to install
- Accessories needed: 150mm (h) Flanking Strip. Black Cloth Jointing tape

Product Code: 1153

Under screed resilient Impact layer for all floor types shown when Pre-completion Sound Testing is required.

Bonded recycled rubber granulate

Concrete Floor Types
- Impacta Rubber can be used on all pre-cast concrete plank/beam & block floors that have a minimum mass of 300 kg/m² and a metal framed ceiling type as illustrated above
- Suitable for underfloor heating
- Impacta Rubber is economical and easy to install
- Accessories needed: 150mm (h) Flanking Strip. Black Cloth Jointing tape

Product Code: 1207

Big value Acoustic Screed Foam
Pack contains: Weight 20kg per pack
1. JCW Acoustic Edging Strip
   150mm x 50Lm x 8mm Foam Strip
   Roll Weight 0.4kg
2. JCW Acoustic Screed Foam
   52 Lm x 1.2m x 10mm (62.4 m² per pack)
   Floor coverage 58.8m² approx
3. JCW Black Cloth Jointing Tape
   50Lm x 50mm

Method of Compliance
PCT/PT (Scotland)
At a glance details and general guidance pages 4, 5, 6
**Acoustic Quilt**  
**INDEPENDENT FLOOR/CEILING IMPROVEMENT**

- Independent ceiling for optimal sound insulation
- Ideal where access is only possible from below
- Glass mineral wool layers complement the barrier membrane by absorbing sound

**Roll Size:**
- 52mm x 600mm x 5m (3.00 m²)  
- 52mm x 1200mm x 5m (6.00 m²)

**Weight:**
- 19 kgs
- 38 kgs

**Typical Acoustic Performance of Ceiling Construction shown above**

- **Impact:** 57 dB Ln,w  
- **Airborne:** 54 dB Rw + Ctr

**Method of Compliance**
- Approved Document E/ Section 5 Scotland  
- At a glance details and general guidance pages 4, 5, 6

**Ancillary Products**
- 1027  
- JCW Acoustic Sealant (310ml)
- Various JCW Acoustic Isolation Strips
- Various JCW Fire & Acoustic Downlighter Covers

---

**Acoustic Silent Board**  
**ACOUSTIC WALL LINER**

- Acoustic overlay improvement board for new and existing walls
- Acoustic plasterboard laminated to an acoustic resilient layer

- Can be fitted directly to existing brick, block and stud walls.  
- Simple to fit  
- Could be used as a remedial solution for sound test failures  
- Plasterboard surface ready for decoration

**Sheet Size:**
- 27.5mm x 1200mm x 1200mm (1.44 m²)  
- **Weight:** 24.7 kgs

**Typical Acoustic Performance of Wall Construction shown above**

- **Impact:** 57 dB Ln,w  
- **Airborne:** 54 dB Rw + Ctr

**Method of Compliance**
- Approved Document E/ Section 5 Scotland  
- At a glance details and general guidance pages 4, 5, 6

**Ancillary Products**
- 1027  
- JCW Acoustic Sealant (310ml)
- Various JCW Acoustic Isolation Strips
- Various JCW Fire & Acoustic Socket Box Inserts
- 1471  
- JCW Screw Fixings
**Acoustic Quilt**

**SINGLE FRAME PARTITION WALL**

Product Code: 1030 - 1200mm Wide 1029 - 600mm Wide

- Premium acoustic partition roll manufactured by sandwiching an acoustic barrier membrane between 2 layers of glass mineral wool
- Enhanced performance metal stud partition
- Easily fitted using dry lining skills
- Glass mineral wool layers complement the barrier membrane by absorbing sound

**Roll Size:**
- 52mm x 600mm x 5m (3.00 m²) **Weight:** 19 kgs
- 52mm x 1200mm x 5m (6.00 m²) **Weight:** 38 kgs

**Typical Acoustic Performance of Wall Construction shown above**
- **Airborne:** 50 dB Rw + Ctr

**Method of Compliance**
- Approved Document E/ Section 5 Scotland

**Ancillary Products**
- 1027 JCW Acoustic Sealant (310ml)
- Various JCW Acoustic Isolation Strips
- Various JCW Fire & Acoustic Socket Box Inserts

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**Acoustic Quilt**

**INDEPENDENT WALL LINING**

Product Code: 1030 - 1200mm Wide 1029 - 600mm Wide

- Premium acoustic partition roll manufactured by sandwiching an acoustic barrier membrane between 2 layers of glass mineral wool
- Independent partition with 20mm air gap
- Easily fitted using dry lining skills
- Glass mineral wool layers complement the barrier membrane by absorbing sound

**Roll Size:**
- 52mm x 600mm x 5m (3.00 m²) **Weight:** 19 kgs
- 52mm x 1200mm x 5m (6.00 m²) **Weight:** 38 kgs

**Typical Acoustic Performance of Wall Construction shown above**
- **Airborne:** 49 dB Rw + Ctr

**Method of Compliance**
- Approved Document E/ Section 5 Scotland

**Ancillary Products**
- 1027 JCW Acoustic Sealant (310ml)
- Various JCW Acoustic Isolation Strips
- Various JCW Fire & Acoustic Socket Box Inserts
**Acoustic Isolation Strip**

**ANCILLARY PRODUCTS**

**Multi-Purpose Acoustic Isolation Strip**
Manufactured from bonded recycled rubber - for isolating parts of a structure where any point of contact could compromise its acoustic integrity.

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<tr>
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<th>Roll Size</th>
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<td>1162</td>
<td>5mm x 75mm x 10m</td>
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<td>1165</td>
<td>5mm x 150mm x 10m</td>
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<td>1294</td>
<td>5mm x 225mm x 10m</td>
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<tr>
<td>1168</td>
<td>5mm x 300mm x 10m</td>
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</table>

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**Fire & Acoustic Socket Box Inserts**

**ANCILLARY PRODUCTS**

Designed to help maintain the fire resistance and acoustic integrity of walls
- suitable for both plastic and metal socket boxes
- easy to install putty pad alternative

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Roll Size</th>
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<tbody>
<tr>
<td>1161</td>
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<td>5mm x 225mm x 10m</td>
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<tr>
<td>1168</td>
<td>5mm x 300mm x 10m</td>
</tr>
</tbody>
</table>

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**Acoustic Barrier Mat**

**MULTI-PURPOSE SOLUTION**

**Product Code:** 1.2mm - 1013, 2mm - 1014, 3mm - 1015, 4mm - 1017

- Multi-purpose, dense acoustic barrier matting.
- Barrier Matting offers very good airborne performance across the frequency range.
- Noticeable improvements will be gained when bonding barrier matting between two layers of Plasterboard on walls & ceilings or pinning on to stud work or joists prior to plasterboard fixing.
- Noticeable airborne improvement gain with minimal height loss when 2 x 2mm barrier matting layers are laid on the floor in opposite directions.
- Hanging Curtain: Ideal as a separating curtain wall between offices above walls.
- Perfect product for dampening steelwork, ducting and machinery casings etc.

**Tested and rated according to BS EN ISO 717-1: 1997, BS EN ISO 140-3: 1995 and BS EN ISO 2750: Part 3**

**Transmission Loss Data:**

<table>
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<th>Material/Frequency (Hz)</th>
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<td>36</td>
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</table>

**Mean Sound Reduction Index**

1.2mm (3.0 kgs/m²): 16 dB
2mm (5.0 kgs/m²): 21 dB
3mm (7.5 kgs/m²): 24 dB
4mm (10.0 kgs/m²): 27 dB

See pages 4, 5 & 6 for more details and guidance.

**Ancillary Products**

- JCW Acoustic Sealant (310ml)
- JCW Acoustic Isolation Strips

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For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
RR20 Multi-Purpose Matting

POLYURETHANE BOUND RUBBER GRANULATE MATERIAL

JCW RR20 is a high performance, cost effective polyurethane bound rubber granulate material. RR20 is different to other products as it is both recyclable and yet will retain its acoustic properties throughout a long and maintenance free lifespan.

Mat Dimensions: 1m x 1m
Standard Thickness: 20mm (other thicknesses available on request)
Weight: RR20mm is 15.6 kgs/m²

Maximum Load Bearing Capacity: 0.95N/mm² (5000kgs/m²)
Temperature Resistance: -40ºC up to +110ºC
Static Modulus of Elasticity*: 0.10 - 0.44N/mm²
Compression Set to DIN 53572**: Approx. 4.10%
Elongation at Break to DIN 53571: Min 60%
Tear Resistance to DIN 53515: Min 3.0N/mm
Temperature Resistance: -40ºC up to +110ºC
Thermal Conductivity: 0.14W/mK

JCW RR20 has a multitude of applications including: airborne wall improvement, impact and vibration reduction through floors and sound damping of enclosures and panels. The product is therefore typically suitable for:
- Airborne reduction: through walls & floors
- Impact reduction: through floors via vertical shock loads in Gyms, and machinery types such as power presses etc
- Vibration reduction: through floors & walls via Refrigeration units and compressors etc
- Dampening: Internal structures & panels

WALL application: RR20 is most commonly applied to brick/plastered walls that are virtually impervious; the suggested adhesive is a (double stick) Contact Adhesive applied to both surfaces. Due to the wide range of RR20 uses, the fixing method will vary depending on the application.

Note: Where adhesive bonding is required the walls or floors must be dry, flat & prepared to enable the adhesive to bond correctly.

Sound Stop Pads

ACOUSTIC CEILING PADS FOR SUSPENDED CEILINGS

JCW Sound Stop Acoustic Pads are an easy to install sound blocking pad designed to be laid on top of suspended ceiling grid tiles. Suspended ceilings are often common to offices/rooms separated by walls constructed beneath the ceiling grid allowing sound to penetrate the ceiling tiles and easily transfer between adjoining offices/rooms. Unfortunately in most situations due to the installation of services above the suspended ceiling it is not possible to extend internal walls up to the structural floor/ceiling above or even install a JCW Acoustic Flexible Barrier Curtain. The answer is the installation of JCW Sound Stop Acoustic Pads that simply sit on top of the existing ceiling tiles.

The JCW Sound Stop Pads incorporate 2 layers of non-flammable sound absorbing acoustic mineral wool with a mineral loaded sound barrier mat core layer that is encapsulated within an aluminium, non-flammable Class 0 foil. The additional weight of the JCW Sound Stop Pads should not present a problem as to the stability of the ceiling.

The Products

JCW Sound Stop Acoustic Pads are available in two sizes:
- 600 x 600mm & 1200 x 600mm
- Thickness: nominal 50mm
- Weight per pad: 600mm x 600mm: 1.9Kg
- Weight per m²: nominal 5.3kg
- Colour: Silver
- Fire rating: Class 0 non-flammable
- Operating temperature: -32ºC to +65ºC. Thermally stable for temperatures up to +93ºC

Benefits
- Easy application into any suspended ceiling system
- Lightweight solution with easy installation
- Effective soundproofing
- FR Class O fire rated foil finish
- Available in 2 sizes, 600 x 600mm or 1200 x 650 x 50mm

JCW Sound Stop Acoustic Ceiling Pads are designed to be installed on top of existing tiles within a suspended grid type ceiling. Although not heavy, the weight of each pad is equal to 5.3Kg/m² so it is important to ensure that the grid system is adequately and securely fixed and supported before installing the acoustic Pads on top.

Additional suspension fixings may be required and consultation with the original installers may be worthwhile if there is any doubt.

Installation Guidance for JCW Sound Stop Acoustic Ceiling Pads

Preparation

JCW Sound Stop Acoustic Ceiling Pads are designed to be installed on top of existing tiles within a suspended grid type ceiling. Although not heavy, the weight of each pad is equal to 5.3Kg/m² so it is important to ensure that the grid system is adequately and securely fixed and supported before installing the acoustic Pads on top.

If cutting of any pad is necessary this can be achieved with the aid of a suitably sized, sharp knife. If much cutting is required; the acoustic mineral wool element of the pad will quickly blunt knives so sharpening will be required on a regular basis.

Your ceiling is now acoustically insulated.

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
Acoustic Ceiling Pads
SUSPENDED CEILING INSULATION (PERFORATED TILES)

- Reinforced foil wrapped backing with Black Tissue facing, filled with acoustic Rock Fibre Wool Slab.
- Class O to The Building Regulations
- Reduces “room to room” sound transfer
- Designed to absorb sound within the room
- Black Tissue shows through ceiling perforations

<table>
<thead>
<tr>
<th>Size</th>
<th>Density</th>
<th>Quantity</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>25mm x 600mm x 600mm</td>
<td>45 kgs/m(^3)</td>
<td>10 per pack</td>
<td>1134</td>
</tr>
</tbody>
</table>

Datasheet 31

Thermal & Acoustic Ceiling Pads
SUSPENDED CEILING INSULATION

- Black Polythene Enclosed Rock Mineral Wool Slab for thermal & acoustic insulation above a mineral fibre or drop in ceiling tile.
- Reduces “room to room” sound transfer
- Helps absorb sound within rooms
- Allows easy access to the ceiling void

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>Density</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1055</td>
<td>25mm x 600mm x 600mm</td>
<td>45 kgs/m(^3)</td>
<td>10 per pack</td>
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<tr>
<td>1056</td>
<td>50mm x 600mm x 600mm</td>
<td>45 kgs/m(^3)</td>
<td>10 per pack</td>
</tr>
<tr>
<td>1305</td>
<td>25mm x 300mm x 1200mm</td>
<td>45 kgs/m(^3)</td>
<td>5 per pack</td>
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<tr>
<td>1058</td>
<td>25mm x 600mm x 1200mm</td>
<td>45 kgs/m(^3)</td>
<td>5 per pack</td>
</tr>
</tbody>
</table>

Datasheet 31.1
Thermal Ceiling Pads

SUSPENDED CEILING INSULATION

Noise Blocker Panels

SUSPENDED CEILING INSULATION

Black Polythene Enclosed Glass Mineral Wool Pads for the thermal insulation above a suspended mineral fibre or drop in ceiling tile

- Range of thicknesses to meet thermal performance
- Suitable for most suspended ceiling systems
- Allows easy access to the ceiling void
- Polythene enclosed for dust sensitive areas

Product Code | Thickness | Size | Density | Pack Size | Thermal R Values
---|---|---|---|---|---
1043 | 25mm | 600mm x 600mm | 20kgs/m³ | 10 pads per pack (3.60 m²) | 0.65 m²/KW
1049 | 25mm | 600mm x 1200mm | 20kgs/m³ | 5 pads per pack (3.60 m²) | 0.65 m²/KW
1094 | 50mm | 600mm x 600mm | 16kgs/m³ | 5 pads per pack (3.60 m²) | 1.35 m²/KW
1095 | 50mm | 600mm x 1200mm | 16kgs/m³ | 5 pads per pack (3.60 m²) | 1.35 m²/KW
1295 | 60mm | 600mm x 600mm | 10kgs/m³ | 10 pads per pack (3.60 m²) | 1.50 m²/KW
1296 | 60mm | 600mm x 1200mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 1.50 m²/KW
1297 | 80mm | 600mm x 600mm | 10kgs/m³ | 10 pads per pack (3.60 m²) | 2.00 m²/KW
1298 | 80mm | 600mm x 1200mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 2.00 m²/KW
1045 | 100mm | 600mm x 600mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 2.50 m²/KW
1051 | 100mm | 600mm x 1200mm | 10kgs/m³ | 10 pads per pack (3.60 m²) | 2.50 m²/KW
1046 | 150mm | 600mm x 600mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 3.75 m²/KW
1052 | 150mm | 600mm x 1200mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 3.75 m²/KW
1047 | 200mm | 600mm x 600mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 5.00 m²/KW
1053 | 200mm | 600mm x 1200mm | 10kgs/m³ | 5 pads per pack (3.60 m²) | 5.00 m²/KW

All other sizes available
Other sizes not shown above can be manufactured to order

Class O Foam laminated to an acoustic plasterboard layer

- Reduces “room to room” sound transfer
- Economical acoustic solution for new/retrofit installations
- Reduces sound transfer between the separating ceiling
- Cost effective acoustic solution
- Install with the foam facing upward into the void for grid systems with in-situ mineral fibre tiles OR on a perforated grid with a mineral wool tile (i.e. foil enclosed pads) installed. Install with the foam facing downward on perforated grids without mineral wool pads installed.

Sheet Size (to fit 600mm x 600mm grid)

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Sheet Size</th>
<th>Typical Sound Reduction through ceiling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise Blocker Panel 16</td>
<td>600mm x 100mm x 550mm</td>
<td>16mm x 595mm x 595mm 24 dB</td>
</tr>
<tr>
<td>Noise Blocker Panel 19</td>
<td>600mm x 100mm x 550mm</td>
<td>19mm x 595mm x 595mm 26 dB</td>
</tr>
<tr>
<td>Noise Blocker Panel 25</td>
<td>600mm x 100mm x 550mm</td>
<td>25mm x 595mm x 595mm 27 dB</td>
</tr>
</tbody>
</table>

Datasheet 54

Noise Blocker Panels

SUSPENDED CEILING INSULATION

Datasheet 43

Thermal Ceiling Pads

SUSPENDED CEILING INSULATION

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
Datasheet 13
Acoustic Perimeter Edging Strip
ANCILLARY PRODUCTS

5mm thick foam strip to isolate acoustic flooring from perimeter walls and maintain the acoustic integrity of the structure. For use with Acoustic Battens, Acoustic Cradles and Acoustic Decks

Roll Size: 5mm x 150mm x 50 Lm (75mm wide option available - ask for details)
Product Code: 1130
L Shaped Strip Size: 2Lmx53mmx23mm pre-formed angle strips
Available in 2 metre lengths - 6mm thick
Product Code: 1170

Datasheet 18
Fire & Acoustic Downlighter Covers
ANCILLARY PRODUCTS

Product
Size
Cover
Size
Ceiling
Cutout Size
1087
Small 150mm x 150mm
50mm - 75mm
50mm - 75mm
1085
Medium 200mm x 200mm
75mm - 100mm
75mm - 100mm
1291
Large 250mm x 250mm
100mm - 140mm
100mm - 140mm
1292
X-Large 300mm x 170mm
140mm - 270mm
1293
XX-Large 350mm x 230mm
140mm - 270mm

Datasheet 14
Absorber Ceiling Tile
ACOUSTIC CEILING TILE

Glass mineral fibre acoustic core board with white speckled surface finish and bevelled edges

• Can be direct bonded to existing ceiling
• Can be fitted as a hanging acoustic absorber
• Spacers & corkscrew fitting optional extra

Tile Size: 20mm x 600mm x 1200mm Weight: 2.5kgs/m²

Acoustic Performance
Sound Absorption Co-efficient (tested to BS EN ISO 354:2003)

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125Hz</th>
<th>250Hz</th>
<th>500Hz</th>
<th>1000Hz</th>
<th>2000Hz</th>
<th>4000Hz</th>
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<td>0.10</td>
<td>0.30</td>
<td>0.80</td>
<td>1.00</td>
<td>1.00</td>
<td>0.85</td>
<td></td>
</tr>
</tbody>
</table>

For Sales, Pricing and Technical Advice call 0845 340 2858 8.30am-5.00pm Mon-Fri
The Products
Decorative fabric covered wall and ceiling panels, specially designed to absorb high levels of reflective noise. Suitable for direct bonding onto well prepared vertical or horizontal surfaces they can also be vertically hung.

Sizes, Colours and Finishes
Techmel Foam Panels are available in raw form, fabric covered or PVC spray painted. The standard Cara and Lucia fabrics both meet the requirements of Class 1 Surface Spread of Flame when tested to BS476:Part 7 1997. Thermal conductivity: 0.035 W/mK @ 10°C. Standard and Bespoke sizes available to a maximum size of 2.5m x 1.25m. Various thicknesses available all to BS Absorber Classification C.

Typical Applications
Schools, Multi-purpose Halls and any large space where reducing reverberation and increasing speech intelligibility is important.

Reflecta Sound
SOUND ABSORBERS

Gym Panel
SOUND ABSORBERS

The Products
A high impact resistant acoustic ceiling and wall panel that is both robust and a good sound absorber of reverberant noise because of its high density mineral wool core. Normally fixed at high level to underside of roof or direct to walls and offering significant thermal resistance.

Sizes, Colours and Finishes
Various sizes and thicknesses available to a maximum 3m x 1.2m, all to BS Absorber Classification A. Standard panels are white, green or grey decorative glass cloth fabric to the front face and non-woven glass tissue to the reverse. Other colours available subject to discussion. Thermal conductivity: 0.036 W/mK @ 10°C. Achieves Euroclass Reaction to Fire Class A2-s1 when tested to BS EN 13501-1.

Typical Applications
Sports Halls, Gyms, Changing Rooms, Leisure Halls, Playrooms, School and Village Halls.

Acoustic Baffles
SOUND ABSORBERS

The Products
Sound absorbing acoustic baffles designed to achieve a wide range of desired reverberation reduction and aesthetic results. These panels, made from Melamine Foam, acoustic core board or mineral fibre board, are light to handle and effective sound absorbers in large spaces.

Sizes, Colours and Finishes
Available in a choice of sizes dependent on panel core required. The standard Cara and Lucia fabrics both meet the requirements of Class 1 Surface Spread of Flame when tested to BS476:Part 7 1997. Thermal conductivity: 0.035 W/mK @ 10°C. Various thicknesses available all to BS Absorber Classification C.

Typical Applications
Call Centres, Sports Halls, Children’s Nurseries, High Hygiene Areas, Industrial and Manufacturing Plant Rooms, Engineering Workshops.

Techmel Foam
SOUND ABSORBERS

Datasheet 38

Datasheet 50

Datasheet 41

Datasheet 36
Enhanced Acoustic Timber Fencing System
Built to Highways Standards and fitted into timber or steel posts. Highly effective sound screens

- Design and height to suit specific requirements
- Complies with Highways Sector Scheme 2
- Conforms and tested to BS EN 1793. Tested and complies to BS EN 1794-1 & 2
- Meets specification for Highways Works Clause 2504

JCW Absorbent Sound Screen

Highly effective sound barrier
Available in various heights (max 5m) to suit specific locations. Complies with Highway Works Clause 2504 and Highways Sector Scheme 2C. Conforms and tested to BS EN 1793 & BS EN 1794-2 (subject to professional advice). Featured on TV.

- Robust timber construction
- Pressure treated for lasting protection
- Resistant to shrinkage and expansion
- Capping and counter rail finish
- Suitable for residential, commercial & industrial applications

Acoustic Timber Doors

Standard: 35 dB rated
Premium: 44 dB rated

Range of high performance acoustic timber doors - ideal for apartments, hotels, boardrooms, conference rooms, offices, theatres, cinemas, and music studios.

- Manufactured to size for a precise fit
- Wide choice of wood veneer of paint finishes
- Fire rated with fire and acoustic seals fitted

JCW Reflective Sound Screen

Ideal for most residential, commercial and industrial requirements (max height 5m)

Highly effective sound barrier

- Robust timber construction
- Pressure treated for lasting protection
- Resistant to shrinkage and expansion
- Capping and counter rail finish
- Suitable for residential, commercial & industrial applications