NBS information is available for most products, indicated by NBS after the product name. Click here for our NBS products

https://www.customaudiodesign.co.uk/soundproofing/floor-soundproofing

### 2Ftex PLUS High Performance Super Quilt

2Ftex PLUS (part code A191) is a soundproofing composite made up of bitumen based acoustic membrane bonded both sides with a 16mm layer of porous acoustic felt offering excellent acoustic insulation in different building elements: walls, ceilings, roofs, etc. High acoustic insulation, combined with soft, flexible elements (plasterboard, wood conglomerate).

- Easy handling and application (does not irritate skin)
- Cold- and heat-resistant
- Rot-proof with excellent ageing resistance
- Easy overlapping
- Seal joins with our high performance aluminium duct tape part code A290 – see p.7; nail to joists or fix with wall rosettes (part code A220)
- Soundproofing of horizontal (ceilings) and vertical enclosures, where excellent soundproofing against airborne noise is required
- Specially recommended between block or partition cavity walls
- Ideal for reducing rain noise in loft conversions and in flat roofs
- Can be used between joists as a higher performance alternative to our acoustic mineral wool quilt
- Can be fixed against a wall with framework pushed against it for improved isolation and noise reduction

### Tecsound High Performance Acoustic Membrane Range

TECSOUND T35, T50, TSY50, T100 are polymer-based, asphalt-free, high density synthetic soundproofing membranes that offer good acoustic insulation in different building elements. These membranes have exceptionally high visco-elasticity as well as being extremely flexible even in cold temperatures.

Available in:

- Easy to use, cut and trim
- Supplied in roll form
- Airborne and impact reduction
- Very high acoustic performance
- Visco-elastic
- Class 0 fire rating
- Unbeatable flexibility even down to −20°C
- Improved low frequency performance
- Self-adhesive/foil faced versions available
- Seal joins with our high performance aluminium duct tape.

Scrim reinforced 1.7mm thick – T35 (part code A116) roll approx. 8mx1.22m
Scrim reinforced 2.6mm thick – T50 (part code A120) roll approx. 6mx1.2m
Scrim reinforced 5.2mm thick – T100 (part code A140) roll approx. 4m x 1.2m
Adhesive backed 2.6mm thick – TSY50 (part code A130) roll approx. 6mx1.2m
Foil faced 2.6mm thick – SY50ALU (part code A135) roll approx. 6mx1.2m

100% Recyclable and made from 68% recycled material fillers
VL-65 High Performance Acoustic Membrane

VL-65 POLYMERIC VISCO-ELASTIC HIGH DENSITY ACOUSTIC 6KG MEMBRANE (part code A121) offers good acoustic insulation in different building elements, giving high additional mass and high damping. Membrane is extremely flexible and helps reduce airborne noise in walls, floors, ceilings, and over frameworks, on metal panels and metal deck roofs. Suitable for domestic and commercial use.

- Excellent ageing resistance/rot-proof
- Easy to cut and trim and adaptable to uneven surfaces
- Very high acoustic performance – eliminates critical frequency of stiff partitions
- Improved low frequency performance
- Highly visco-elastic
- Excellent acoustic insulation
- Seal joins with our high performance aluminium duct tape (part code A290)
- Euroclass B, s1 d0 (when used in partitions as shown at: https://www.customaudiodirect.co.uk/soundproofing/acoustic-membrane-vl65-mass-loaded-vinyl)

Intumescent Expansion Joint Sealant (Pyrojoint)

EXPANSION JOINT SEALANT (part codes FR100–FR290) (Pyrojoint) is an excellent product to prevent the spread of fire and smoke through fire resisting and separating elements where expansion gaps are required.

- BS476: Part 20
- PR EN1336-4
- Up to 4 hours fire resistance
- Weather proof and water resistant
- Suits internal/external applications
- Cost-effective to install
- Performance temperature between −30°C and +130°C

Acoustic Mineral Wool

FIRE-SAFE ACOUSTIC MINERAL WOOL (part codes R100–R250) is particularly useful as a sound absorbing infill for the reduction of airborne noise in partition walls, between flooring joists and suspended ceilings. AMW consists mainly of silicon-oxide together with a number of other metallic oxides. ROBUST DETAIL E-WT-1, E-WT-2, E-WS-1, E-WS-2 and E-WS-3 compliant material.

- Acoustic cavity infill between floor joists
- Acoustic cavity infill between stud walls
- Can be used to meet new Building Regulations (with other products)
- Easy DIY installation
- Airborne noise reduction through walls and floors
- Easy to cut
- Low cost
- Zero ODP and zero GWP
Neoprene Isolation Tape and PVC Nitrile Tape

**EPDM/NEOPRENE Coils** (part codes NE100–NE350)
A self-adhesive EPDM/Neoprene blend expanded foam rubber strip ideal for sealing, damping and cushioning. For isolating stud frames from contact with surrounding structures as well as glass, frames etc. Age-resistant and chemically neutral against the most commonly used lacquers and plastics.

Neoprene/EPDM is resistant to most caustic chemicals and resistant against ozone, moisture and UV radiation.

*Also:*
**Fire Rated Class 0 PVC Nitrile Tapes** (part codes NT100–NT250)
A self-adhesive Class 0 PVC Nitrile sealing tape. Ideal for sealing expansion gaps in floors and ceilings as well as having superior oil and solvent resistant properties.

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IsoBase R50 – Timber Flooring Resilient Layer

**ISOBASE R50** (part code A325) provides excellent acoustic sound insulation with ease of installation. The product is designed to be used as a resilient layer underneath T&G chipboard-type flooring and can also be used on top of a concrete floor. (15m x 1m x 5mm.)

- Separating floors
- Concrete floors
- Provides significant reduction in impact noise and vibration
- Only 5mm thick so does not significantly increase the floor level
- Easy to install
- Seal joins with our high performance aluminium duct tape (part code A290)
- Part E compliant resilient layer

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Quietfloor Premium+ NBS

**QUIETFLOOR PREMIUM+** (part code A110) is a superb acoustic floor system designed to reduce both impact and airborne noise transfer through floors.

- Impact and airborne noise reduction for floors
- Suitable for concrete and timber floors
- Can be used to meet new Building Regulations *(with other products)*
- Easy DIY installation
- Only 15mm thick
- High footfall and airborne reduction under carpet
- Easy to cut/handy sized panels
- Seal joins with our high performance aluminium duct tape (part code A290)
- Glue in place with our high performance spray contact adhesive (part code A260, see p.7)
- Low cost

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CFC- and HFC-free
Can be recycled

Made from 100% recycled materials

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FLOORS  FLOORS  FLOORS
### IsoScreed Foam Resilient Layer\textsuperscript{NBS}

**ISOSCREED FOAM** (part code A335) provides excellent acoustic sound insulation with ease of installation. The product is designed to be used as a resilient layer underneath T&G chipboard-type flooring and can also be used on top of a concrete floor. (30m x 0.925m x 5mm.)

- Separating floors
- Concrete floors
- Provides significant reduction in impact noise and vibration
- Only 5mm thick so does not significantly increase the floor level
- Easy to install
- Part E compliant resilient layer

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### EcoMat RC3 and RC5 Acoustic Rubber Cork Composite Floor Covering Underlay\textsuperscript{NBS}

**ECOMAT RC3 AND ECOMAT RC5 – ACOUSTIC RUBBER/CORK COMPOSITE UNDERLAY** (part codes A412 and A414) is a Document E compliant resilient layer, suitable for use as acoustic matting under most floor finishes.

- Ceramic tile
- Sheet vinyl
- Stone, wood, parquet, Flotex, marble
- New build and refurbishment
- Under-floor heating
- Easy installation
- High impact reduction
- Remains continually elastic
- Ultra-thin
- Glue in place with our high performance spray contact adhesive (code A260)
- Good thermal properties
- Part E compliant

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### IsoRubber RD8\textsuperscript{NBS}

Very high performance screed isolation.

Equivalent to Regupol E48.

- Provides significant reduction in impact noise and vibration
- Will not collapse out even under high loads
- Minimal creep even under high loads.
- Resistant to ageing and deformation.
- Simple installation
- Glue in place with our high performance spray contact adhesive (code A260)
- May be used with underfloor heating.
**IsoScreed Rubber – Under Screed Layer**

**ISOSCREED RUBBER** (part codes A345/A350/A355) is a polyurethane-bound mixture of selected rubber fibres, ideal for use under screeds as a resilient layer. Available in 3mm/6mm/10mm thicknesses, it has a high resistance to compressive loads and remains outstandingly elastic. Excellent acoustic benefits for impact and airborne noise and used extensively in new build/refurbishment projects where Pre-Completion testing is preferred to Robust Details:

- Provides significant reduction in impact noise and vibration
- Will not collapse out even under high point loads
- Easy to install
- Resistant to ageing and deformation
- Minimal creep even under high loads
- Excellent thermal conductivity.
- Low cost
- Does not significantly raise the floor level

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**Resilient Floor Battens**

**ROBUST DETAIL FFT-1, FFT-3 compliant RESILIENT FLOOR BATTENS** (part code AB45–AB75). For installation underneath T&G chipboard type materials to greatly increase soundproofing performance. High performance impact reduction:

- Concrete or timber floors
- New builds and conversions
- Meets new Part E Building Regulations
- Meets new RSD details
- High acoustic performance
- Very easy to install
- Services can run underneath
- Maintenance-free

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**Acoustic Cradle System**

**ROBUST DETAIL FFT-2 Compliant ACOUSTIC CRADLES** (part code AC100). For installation underneath T&G chipboard type materials to greatly increase soundproofing performance. Concrete and timber floor compatible.

The Acoustic Cradle consists of a high performance, recycled, high density, 10mm resilient Isolate C rubber base which, unlike similar products, has excellent static deflection properties as well as the advantage of ‘long life’ as it will not degenerate over time as foam backed products do, so the performance will always remain the same.

Packers and risers also available (part codes A110–A200).
### High Density Cement Impregnated Particle Board

**QUIETBOARD Cement Impregnated Particle Board** (part code A400) is a revolutionary, waterproof, cement impregnated acoustic floor panel designed to improve impact and airborne noise transfer through separating floors.

- Home cinema rooms
- Recording studios
- Far superior acoustically to plasterboard
- Resistant to fire – Class 0 fire rated
- Resistant to humidity
- Dimensionally stable
- Extremely high acoustic isolation
- Resistant to fungus, bugs and micro-organisms
- $R_w^{35}$dB

![Image of High Density Cement Impregnated Particle Board]

**Made from 75% recycled wood pulp**

### Acoustic Resilient Joist Cap

A superb, easy to fit, direct-to-joist-system, engineered as a Part E-compliant acoustic treatment to save time and money (CAD part code AC200).

- Timber and masonry builds
- New build and refurbishment projects
- Non-specialist installation
- $-45^\circ$C to $105^\circ$C
- Heat shrinkage less than 1% at $80^\circ$C for 96 hours
- No structural change over time
- Lightweight
- CFC-free, HCFC-free, zero ODP
- Very low toxic fume and smoke emissions
- Moisture resistant and rot proof

![Image of Acoustic Resilient Joist Cap]

**100% recyclable**

### Acoustic Overlay Board IsoBoard 15

Acoustic overlay board Type 15 (part code A425) is designed to provide excellent acoustic sound insulation with ease of installation. No need for separate isolation layers or tongued and grooved chipboard. The product is a pre-bonded laminate of 6mm **Recycled Isofibre** resilient felt, bonded to the bottom of a strong, thin, 9mm tongued and grooved moisture-resistant MDF chipboard.

- Robust detail compliant FFT5
- Provides significant reduction in impact noise and vibration
- Easy to install
- Only 15mm thick – does not significantly increase the floor level
- Handy size 1200x600mm sheets
- Suitable for separating floors and concrete floors
- Suitable for kitchen and bathroom areas

[Image of Acoustic Overlay Board IsoBoard 15]
Useful acoustic accessories

<table>
<thead>
<tr>
<th>Acoustic Sealant</th>
<th>Spray Contact Adhesive</th>
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<tbody>
<tr>
<td><img src="image" alt="Acoustic Sealant" /></td>
<td><img src="image" alt="Spray Contact Adhesive" /></td>
</tr>
<tr>
<td>High quality fire rated acoustic sealant with excellent acoustic properties. Assessed to BS476: Part 20 — up to 4 hours’ fire resistance. (Part Code A250)</td>
<td>A high tack, high temperature, pressure sensitive contact adhesive. An excellent choice for most permanent adhesive applications. (Part Code A260)</td>
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</table>

<table>
<thead>
<tr>
<th>RFT50 High Performance Resilient Tape</th>
<th>Pyrojoint - Intumescent Expansion Joint Sealer</th>
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<td><img src="image" alt="RFT50 High Performance Resilient Tape" /></td>
<td><img src="image" alt="Pyrojoint - Intumescent Expansion Joint Sealer" /></td>
</tr>
<tr>
<td>RFT50 high performance resilient floor tape for direct-to-joist or under-batten application to reduce sound transfer by isolating partitioning or party walls. (Part Code NE360RT)</td>
<td>To prevent the spread of fire and smoke through fire resisting and separating elements where expansion gaps are required. Up to 4 hours’ fire resistance. (Part Codes FR100–FR190)</td>
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<table>
<thead>
<tr>
<th>Reinforced High Performance Aluminium Duct/Sealing Tape</th>
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<tbody>
<tr>
<td><img src="image" alt="Reinforced High Performance Aluminium Duct/Sealing Tape" /></td>
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<tr>
<td>ALUMINIUM DUCT/SEALING TAPE (part code A290) is a high performance, bi-directionally reinforced polyethylene foil laminate coated with a special pressure-sensitive, acrylic, cold weather adhesive that combines superior quick stick at normal temperatures with superior low temperature performance. Primarily used for airtight sealing of our mineral wool, soundproofing mats, flooring products and pipewrap, although it will stick to virtually anything.</td>
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<tr>
<td>• Superior resistance to moisture</td>
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<tr>
<td>• Recommended for use in high humidity conditions</td>
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<tr>
<td>• Roll 45m long, 75mm wide</td>
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