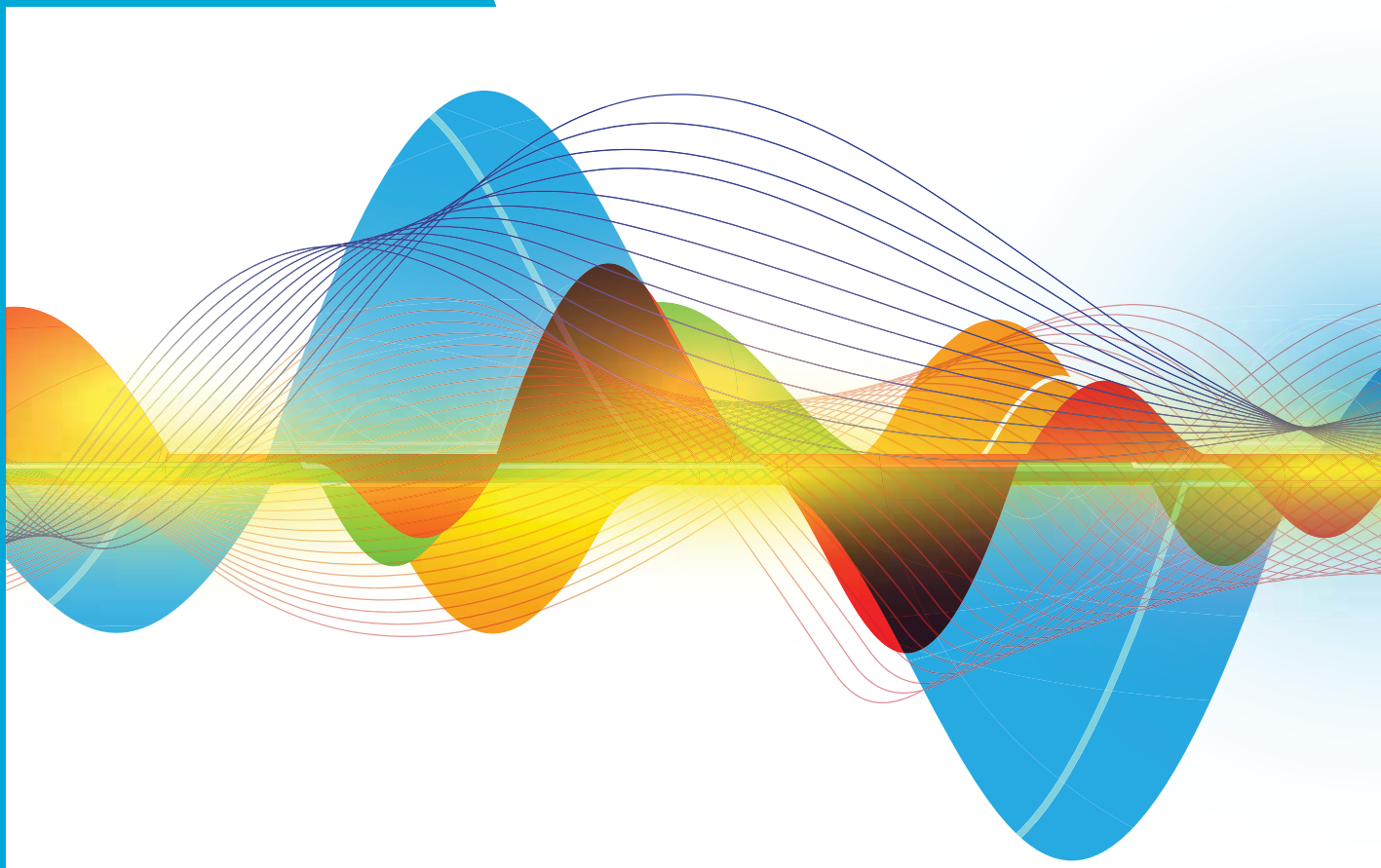
Acoustic Floor Solutions

FOR REFURBISHMENT AND NEW BUILD



System Solution Providers

Proctor Group

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Acoustic Floor Solutions

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A. Proctor Group

The A. Proctor Group Ltd, a family-owned company in its fourth generation, has been providing solutions and products to the construction industry for over 50 years. We provide a wide range of high quality solutions which meet the continuously evolving requirements of the construction industry.

We have been providing solutions to acoustic flooring problems for over 20 years. Our unrivalled expertise has been gained via extensive research and development, both at our own acoustic laboratory and through the close links we have established with acoustic specialists at Napier, Sheffield Hallam and Heriot-Watt universities. The end result is that we are able to offer acoustic floating floor solutions which will provide answers for the majority of floor constructions.

Profloor Systems meet the requirements of the Building Regulations and Robust Details for impact and airborne sound. Solutions are available for timber and concrete floors on both new build and refurbishment projects.

A. Proctor Group's Acoustic Credentials

- APPROVED FOR ROBUST DETAILS
- TECHNICAL SUPPORT LINE
- ACOUSTIC LABORATORY
- COMPETITIVELY PRICED
- REFURBISHMENT AND NEW BUILDS
- CONCRETE & TIMBER FLOORING SOLUTIONS

Our environmental commitments

FSC® CERTIFIED
FSC certified stock available as standard.

FSC www.fsc.org FSC® C022466
The mark of responsible forestry

STRUCTURAL TIMBER ASSOCIATION
Member

BSI

Revised July 2025 Version 1.008 Next review due: July 2026

The Acoustic Problem
Fundamentals of Sound Transmission

Impact Sound

In buildings, noise travels in two main ways. One is impact- or structure-borne sound. This is where mechanical or kinetic energy is being imparted directly to the structure as the result of steady vibrations or impacts. These are then transmitted to other rooms in the building, causing a partition, structure or surface to vibrate, thereby creating sound.

The main sources of structure-borne sound are people (footsteps, slamming doors etc), plant machinery, services and household appliances.

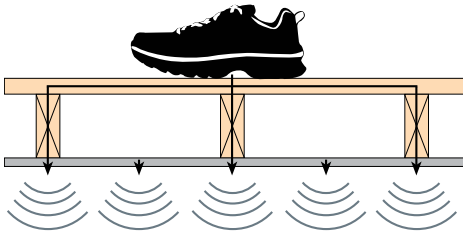
Airborne Sound

Airborne sound can be transferred from the source along a continuous path to a listener. Examples of how sound can be transmitted through the structure could be small holes or openings in the construction, ductwork or 'forced' transmission through partitions or floors.

Airborne sound is affected by:

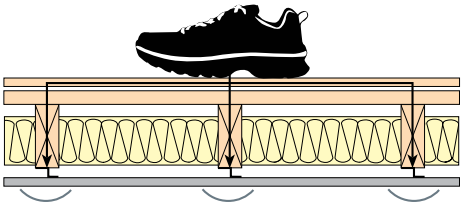
- Gaps in joints
- Cracks in masonry or plasterwork
- Insufficient sealant around pipes etc passing through the structure
- Mass of the construction
- Effectiveness of isolation and absorption layers

Without Isolation



Greater noise transfer

With Isolation



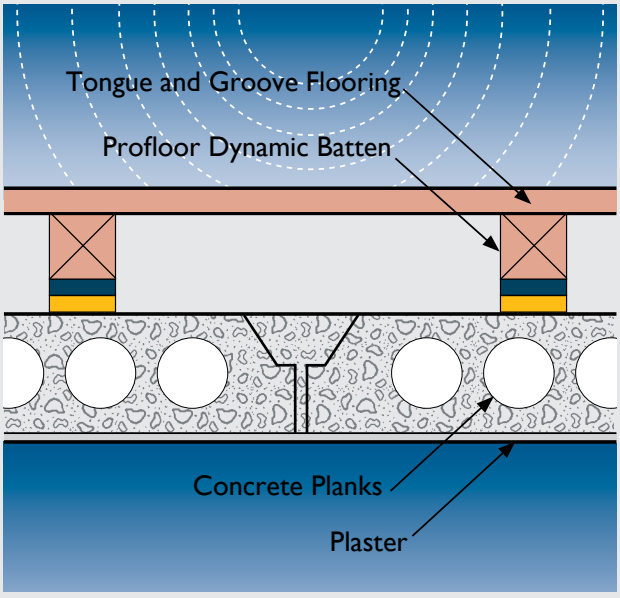
Reduced noise transfer

The Solution

Real-world experience and lab analysis has shown that highly resilient materials such as open-cell foam or vertical fibres, whether used in strip form or as a distributed layer, will provide long-term isolation of impact sound and deliver optimum deflection.

Some materials will initially provide adequate deflection, but over a period of time their effectiveness can often be severely impaired, owing to poor resilience or creep under continued dynamic loading (foot traffic). It is therefore essential that the resilient material provides both adequate deflection.

The materials available to date which are proven to provide these combined properties are open-cell polymer foam and vertical polyester fibres. The combination of these is the key to the success of the A. Proctor Group's range of Profloor products.



Meeting performance requirements & Robust Details

Unwanted noise is a disturbing aspect of modern life, and is often a nuisance within buildings, with domestic dwellings particularly vulnerable to noise transmitted from attached properties.

The current edition of Approved Document E (England & Wales), as well as Section 5 (Scotland), Technical Booklet G (Northern Ireland) and Guidance Document E (Eire) set minimum requirements for resistance to the passage of sound. In some cases, the requirement is made to carry out pre-completion testing of sound and transmission within rooms for residential purposes, houses or flats formed by conversion of other buildings, and new-build houses or flats. The regulations also permit the use of Robust Details (the scheme operated by Robust Details Ltd.) in new houses and flats as an alternative to pre-completion testing.

Pre-completion testing is one of the biggest impacts in the Approved Document, as it is required to be carried out on 10% of dwelling types in each development in order to prove compliance.

Where pre-completion testing is required, separating walls and floors must not only have improved design detailing, but also be designed to include the sound transmission effects of all adjoining wall and floor elements. Additionally, because the standard of workmanship in the construction of a building is at least as important in reducing noise as the design itself, it is necessary for builders as well as designers to understand the principles of design which lead to good resistance of sound passage, as well as observing correct procedures during the construction process.

Where a Robust Detail will be used, it is important that the wall or floor is built in accordance with the step-by-step guidelines contained within the Robust Detail. The products used need to meet the criteria set out in the Robust Details Handbook. However there are a plethora of products available on the market today, and it can be difficult to distinguish certified products from those with unsubstantiated acoustic performance claims.

The A. Proctor Group was heavily involved in the Robust Detail process, representing Proprietary Acoustic Systems Manufacturers in the HBF Working Parties in addition to conducting benchmark testing to prove the performance of the Profloor range. As a result of this close involvement, the company is able to provide flexibility in design using any of the base constructions within Robust Details (see following pages).

England and Wales: Approved Document E

Element	Airborne Sound – Site Test DnT,w + Ctr	Impact Sound – Site Test L,nT,w
Separating floors & stairs in dwellings and rooms for residential purposes (new build)	Minimum 45dB	Maximum 62dB
Separating floors & stairs in dwellings and rooms for residential purposes (change of use)	Minimum 43dB	Maximum 64dB

Scotland: Section 5

Element	Airborne Sound – Site Test DnT,w + Ctr	Impact Sound – Site Test L,nT,w
Separating floors & stairs in dwellings and rooms for residential purposes (new build)	Minimum 56dB	Maximum 56dB
Separating floors & stairs in dwellings and rooms for residential purposes (conversions)	Minimum 53dB	Maximum 58dB

Northern Ireland: Technical Booklet G

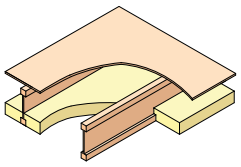
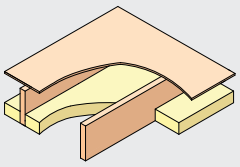
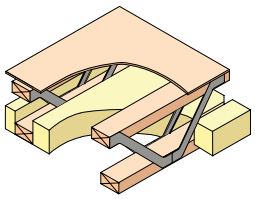
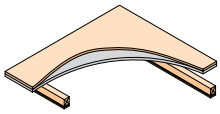
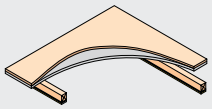
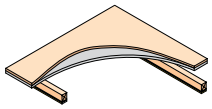
Element	Airborne Sound – Site Test DnT,w + Ctr	Impact Sound – Site Test L,nT,w
Separating floors & stairs in dwellings and rooms for residential purposes (new build)	Minimum 45dB	Maximum 62dB
Separating floors & stairs in dwellings and rooms for residential purposes (change of use)	Minimum 43dB	Maximum 64dB

Eire: Guidance Document E

	Floors
Airborne sound (minimum values)*	53dB
Impact sound (maximum values)**	58dB

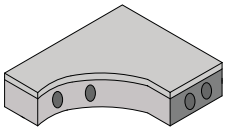
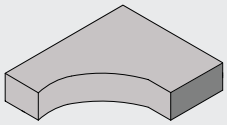
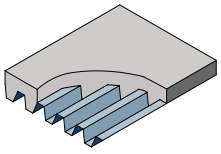
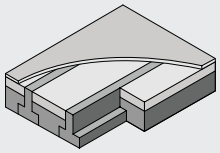
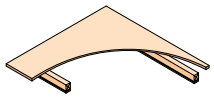
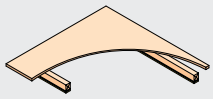
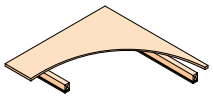
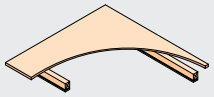
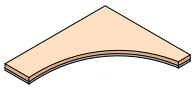
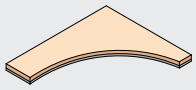
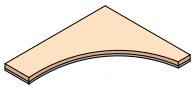
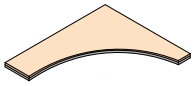
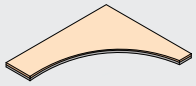
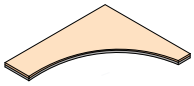
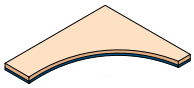
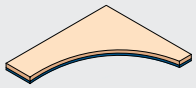
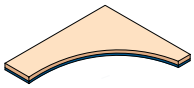
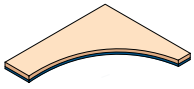
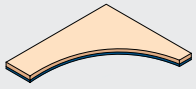
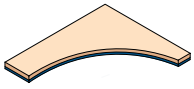
* Airborne sound - Weighted Standardised Level Difference (DnT,w) ** Impact sound - Weighted Standardised Sound Pressure Level (L,nT,w)

Robust Detail – Floor System Selection
England, Wales & Northern Ireland

	E-FT-1 Timber I-Joists	E-FT-2 Solid Timber Joists	E-FT-3 Posi-Joist/Presweb Metal Web Joists
BASE FLOOR DETAIL	 15mm floor decking (min) 240mm (min) timber I-joists 100mm (min) quilt insulation (10-33kg/m³) between joists	 11mm floor decking (min) 220mm (min) timber solid joists 100mm (min) quilt insulation (10-36kg/m³) between joists	 18mm OSB floor decking (min) 253mm (min) posi-joist web metal web joists 100mm (min) quilt insulation (10-36kg/m³) between joists
FFT1 Resilient Composite Deep Batten			
Profloor Dynamic Batten Type 81, 91 Profloor Excel Batten Type 74, 84			
FFT3 Resilient Composite Standard Batten			
Profloor Dynamic Batten Type 55, 67 Profloor Excel Batten Type 60 Profloor Solo Batten Type 40, 52	—	—	—
FFT5 Resilient Overlay Shallow Platform System			
Profloor Dynamic Deck 26	—	—	—
Profloor Micro Deck 17	—	—	—
Profloor Excel Deck 31	—	—	—
Profloor Solo Deck 23	—	—	—

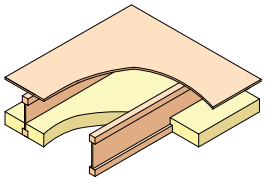
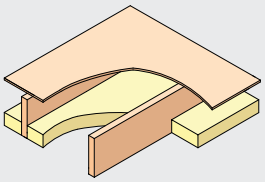
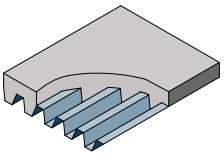
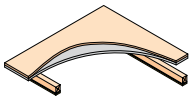
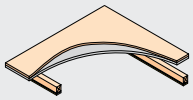
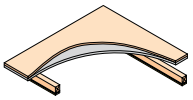
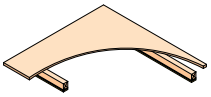
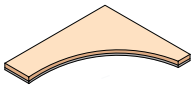
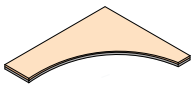
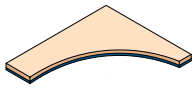
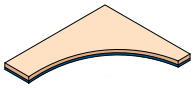
In order for separating elements to avoid the requirement for pre-completion acoustic testing plots must be registered with Robust Details Ltd (RDL) and that construction must be strictly in accordance with the relevant requirements of the Robust Details Part E Handbook. Design and construction of separating floors in accordance with the Robust Details should not be attempted without access to the full, published details in order to ensure that all requirements, including that of flanking constructions, are met.

Robust Detail – Floor System Selection
England, Wales & Northern Ireland

E-FC-1 Pre-Cast Concrete Plank	E-FC-2 In-Situ Concrete Slab	E-FS-1 Steel/Concrete Composite	E-FC-7 Beam And Block*
			
150mm (min) precast concrete floor plank – 300kg/m² (min) mass per unit area. 40mm (min) screed directly applied to plank – cement/sand or proprietary screed nominal 80kg/m² mass per unit area (see appendix A: Robust details handbook).	250mm (min) in-situ concrete slab, 2400kg/m³ (min) density without screed, or 200mm (min) in-situ concrete slab, 2400kg/m³ (min) density with screed. 40mm (min) screed directly applied to slab – cement/sand or proprietary screed nominal 80kg/m² mass per unit area (see appendix A: Robust details handbook).	In-situ concrete slab supported by 'Shallow' or 'Deep' profiled metal decking. Overall distance from top surface of concrete to underside of ceiling treatment 300mm (min). Concrete thickness – 80mm (min) at shallowest point, and – 130mm (min) at deepest point. Concrete density 2200kg/m³ (min).	Beam and block floor with precast or in-situ edge beams. beam and block, min 100mm thick dense aggregate infill blocks, min 50mm concrete topping, min strength class C20, to floor blocks, min 300kg/m² combined mass per unit area.
FFT1 Resilient Composite Deep Batten			
Can be used, but FFT3 recommended	Can be used, but FFT3 recommended	Can be used, but FFT3 recommended	Can be used, but FFT3 recommended
FFT3 Resilient Composite Standard Batten			
			
FFT5 Resilient Overlay Shallow Platform System			
			–
			–
			–
			–

* not Northern Ireland

Robust Detail – Floor System Selection
Scotland only

	V-FT-1 Timber I-Joists	V-FT-2 Solid Timber Joists	V-FS-1 Steel/Concrete Composite
BASE FLOOR DETAIL	 15mm floor decking (min) 240mm (min) timber I-joists 100mm (min) quilt insulation (10-33kg/m³) between joists	 11mm floor decking (min) 240mm (min) timber solid joists 100mm (min) quilt insulation (10-36kg/m³) between joists	 In-situ concrete slab supported by 'Shallow' or 'Deep' profiled metal decking. Overall distance from top surface of concrete to underside of ceiling treatment 300mm (min). Concrete thickness – 80mm (min) at shallowest point, and – 130mm (min) at deepest point. Concrete density 2200kg/m³ (min).
FFT 80 Resilient Composite Deep Batten			
Profloor Dynamic Batten, Type 91			
FFT1 Resilient Composite Deep Batten – Suitable On Concrete Base			
Profloor Dynamic Batten, Type 81, 91 Profloor Excel Batten, Type 74, 84	—	—	—
FFT3 Resilient Composite Standard Batten			
Profloor Dynamic Batten, Type 55, 67 Profloor Excel Batten, Type 60 Profloor Solo Batten, Type 52	—	—	
FFT5 Resilient Overlay Shallow Platform System			
Profloor Dynamic Deck 26	—	—	
Profloor Micro Deck 17	—	—	
Profloor Excel Deck 31	—	—	
Profloor Solo Deck 23	—	—	

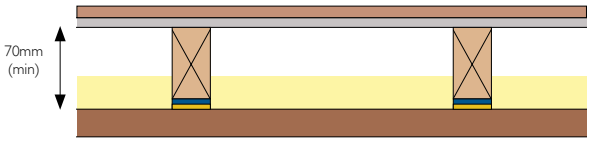
In order for separating elements to avoid the requirement for pre-completion acoustic testing plots must be registered with Robust Details Ltd (RDL) and that construction must be strictly in accordance with the relevant requirements of the Robust Details Part E Handbook. Design and construction of separating floors in accordance with the Robust Details should not be attempted without access to the full, published details in order to ensure that all requirements, including that of flanking constructions, are met.



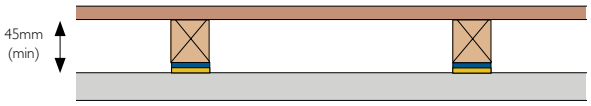
Robust Details: Floating Floor Treatments

There are 5 Floating Floor Treatments (FFTs) that can be used depending on the base.

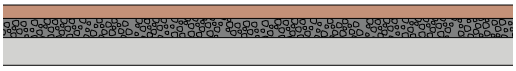
FFT 1: Resilient composite deep batten system
APG Solution:
Profloor Dynamic Batten Type 81 & 91,
Profloor Excel Batten Type 74 & 84



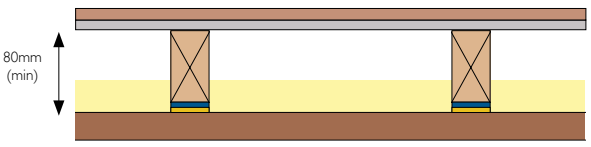
FFT 3: Resilient composite standard batten system
APG Solution:
Profloor Dynamic Batten Type 55 & 67
Profloor Excel Batten Type 60
Profloor Solo Batten Type 52



FFT 5: Resilient overlay shallow platform floor system
APG Solution:
Profloor Dynamic Deck 26, Profloor Excel Deck 31,
Profloor Micro Deck 17, Profloor Solo Deck 23



FFT80 (Scotland): Resilient composite deep batten system
APG Solution:
Profloor Dynamic Batten Type 91
Profloor Excel Batten 84



Product Selector

Battens





Properties	Unit	Profloor Dynamic Batten	Profloor Excel Batten	Profloor Solo Batten
Resilient layer composition		Open & Closed Cell	VOF	Closed Cell
Resilient layer nominal thickness	mm	22	15	7
Overall nominal thickness	mm	55 / 67 / 81 / 91	60 / 74 / 84	40 / 52
Batten length	m	2.4	2.4	2.4
FFT compliant	-	1, 3 & 80*	1 & 3	3 (utilising 52mm batten)
Timber or Concrete Floor		Both	Both	Concrete

* Scotland only

Decks






Properties	Unit	Profloor Dynamic Deck 26	Profloor Excel Deck 31	Profloor Micro Deck 17	Profloor SoloDeck 23
Resilient layer composition	-	Open & Closed Cell	VOF	Open & Closed Cell	Composite PU
Type and thickness of board	-	18mm T&G Chipboard	18mm T&G Chipboard	9mm T&G MDF	18mm T&G Chipboard
Resilient layer nominal thickness	mm	8	13	8	5
Overall nominal thickness	mm	26	31	17	23
Board size	m	0.6 x 2.4	0.6 x 2.4	0.6 x 1.2	0.6 x 2.4
FFT compliant**	-	5	5	5	5
Timber or Concrete Floor		Both	Both	Both	Both

** Only FFT5 compliant on concrete floor. Can be used on timber, but wouldn't be RD compliant.



PROFLOOR DYNAMIC BATTEN

Type 55 / 67 / 81 / 91

Profloor Dynamic Batten provides levels of impact and airborne sound insulation. The dual foam not only provides top characteristics, but also enables minor irregularities in the surface of the sub-floor to be addressed.

- Robust Detail-compliant **FFT1**, **FFT3** & **FFT80** (Scotland)
- Improves both airborne & impact sound performance
- Foam will not degrade through time unlike some fibrous materials
- Can be used on timber or concrete floors
- Moisture-resistant impregnated battens are available
- Non-load bearing partitions can be built off the finished floor
- FSC certified
- Foams are biologically stable
- Timber in battens is kiln dried to below 20% moisture content
- 2.4m length batten for quicker installation
- 45mm wide battens
- Suitable for new build & refurbishment
- 8 - 10mm compression under load

Physical Properties

Alternative batten sizes and lengths may be available on request.

Standard Sizes
55mm x 45mm x 2400mm
67mm x 45mm x 2400mm
81mm x 45mm x 2400mm
91mm x 45mm x 2400mm
Flanking Strip
100mm x 5mm (10m rolls)
125mm x 5mm (10m rolls)
150mm x 5mm (10m rolls)
Support Battens
43mm x 45mm x 2400mm
55mm x 45mm x 2400mm
70mm x 45mm x 2400mm
80mm x 45mm x 2400mm

Robust Details

FFT	RD Type
FFT1 Resilient composite deep batten system Suitable for use on the RD floors shown in right hand column >	E-FT-1 (using 81mm batten) E-FT-2 (using 81mm batten) E-FT-3 (using 81mm batten) E-FS-2 (using 81mm batten)
FFT3 Resilient composite batten system Suitable for use on the RD floors shown in right hand column >	E-FC-1 E-FC-2 E-FC-7 E-FS-1 V-FS-1
FFT80 Resilient composite deep batten system Suitable for use on the RD floors shown in right hand column >	V-FT-1 (using 91mm batten) V-FT-2 (using 91mm batten) V-FS-1 (using 91mm batten)

Accessories

Profloor Support Batten: Incorporating 10mm foam. Supplied in 2.4m lengths.
Used around the perimeter and for areas where loads exceeding 1.5kN/m² and up to 4kN/m² in concrete floors.

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. It is available in 5mm thickness with various widths to suit Profloor System.

Profloor Adhesive 1ltr: Profloor Adhesive is used to bond the flooring to the battens and also at the Tongue & Groove joints.

PROFLOOR EXCEL BATTEN

Type 60 / 74 / 84

Profloor Excel Batten provides levels of impact and airborne sound insulation using a vertically oriented fibre as the resilient layer. The cavity created by the batten can be used to accommodate services.

- Robust Detail-compliant **FFT1** & **FFT3**
- Reduces both airborne and impact sound performance
- Single Batten for use in main floor area, perimeters, kitchens and bathrooms
- Resilient layer – 15mm
- Vertical oriented fibres act like springs
- Limited long-term deflection or 'creep' ensures sustained performance
- 2.4m length batten for quicker installation
- Moisture resistant impregnated battens are available
- Suitable for new build and refurbishment
- Nominal 3mm compression under normal load
- FSC certified



Physical Properties

Alternative batten sizes may be available on request.

Standard Sizes	Flanking Strip
60mm x 45mm x 2400mm 74mm x 45mm x 2400mm 84mm x 45mm x 2400mm	100mm x 5mm (10m rolls) 125mm x 5mm (10m rolls) 150mm x 5mm (10m rolls)

Robust Details

FFT	RD Type
FFT1 Resilient composite deep batten system Suitable for use on the RD floors shown in right hand column >	E-FT-1 (using 74mm batten) E-FT-2 (using 74mm batten) E-FT-3 (using 74mm batten) E-FS-2 (using 74mm batten)
FFT3 Resilient composite batten system Suitable for use on the RD floors shown in right hand column >	E-FC-1 V-FS-1 E-FC-2 E-FC-7 E-FS-1

Accessories

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 5mm with various widths to suit Profloor Systems.
Profloor Adhesive 1ltr: Profloor Adhesive is used to bond the flooring to the battens and also at the T & G joints.



PROFLOOR SOLO BATTEN

Type 40 / 52

Profloor Solo Batten comprises a dressed softwood timber batten, with an integral closed cell resilient layer.

- For use with concrete subfloors only, Robust Detail-compliant **FFT3 (using 52mm batten)**
- Ideal where a service run is required
- Suitable for new build and refurbishment
- 2.4m length batten for quicker installation
- FSC certified

Physical Properties

Alternative batten sizes and lengths may be available on request.

Standard Sizes	Flanking Strip
40mm x 45mm x 2400mm 52mm x 45mm x 2400mm	100mm x 5mm (10m rolls) 125mm x 5mm (10m rolls) 150mm x 5mm (10m rolls)

Robust Details

FFT	RD Type
FFT 3 Resilient composite batten system Suitable for use on the RD floors shown in right hand column >	E-FC-1 (using 52mm batten) E-FC-2 (using 52mm batten) E-FC-7 (using 52mm batten) E-FS-1 (using 52mm batten) V-FS-1 (using 52mm batten)

Accessories

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 5mm with various widths to suit Profloor Systems.

Profloor Adhesive 1ltr: Profloor Adhesive is used to bond the flooring to the battens and also at the T & G joints.

PROFLOOR DYNAMIC DECK 26

Profloor Dynamic Deck 26 System provides a high degree of isolation resulting in improvements in impact sound insulation.

- Robust Detail-compliant **FFT5**
- Standard thickness 26mm
- Hi-Load Grade available
- Suitable for both timber and concrete floors
- Simple to install-no multi-layer build up
- Dynamic Deck utilises 18mm P5 T&G moisture-resistant chipboard
- Patented edge support strip prevents joint fracture
- Foams are biologically stable
- Suitable for new build and refurbishment
- FSC certified



Physical Properties

Standard Sizes	Flanking Strip
26mm x 600mm x 2400mm	150mm x 7mm (10m rolls) with or without double-sided tape

Robust Details

FFT	RD Type
FFT 5 Resilient overlay shallow platform floor system. Suitable for use on the following RD floors shown in right hand column >	E-FC-1 E-FC-2 E-FS-1 V-FS-1

Accessories

Profloor Dynamic Deck Hi-Load: Used for floors with higher loadings (up to 4.0kN/m²) i.e. kitchens & bathrooms

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 7mm with various widths to suit Profloor Systems.

Profloor Adhesive 1ltr: Profloor Adhesive is used at the T & G joints between decks.



PROFLOOR EXCEL DECK 31

Profloor Excel Deck System 31 comprises a resilient layer bonded to flooring grade tongue and groove chipboard, providing enhanced acoustic performance.

- Robust Detail-compliant **FFT5**
- Airborne and impact sound insulation
- Can be used on timber or concrete floors
- Standard thickness 31mm
- Hi-load grade available
- FSC certified

Physical Properties

Standard Sizes	Flanking Strip
31mm x 600mm x 2400mm	125mm x 10mm (10m rolls) with or without double-sided tape

Robust Details

FFT	RD Type
FFT 5 Resilient overlay shallow platform floor system. Suitable for use on the RD floors shown in right hand column >	E-FC-1 E-FC-2 E-FS-1 V-FS-1

Accessories

Profloor Excel Deck Hi-load: Used for floors with higher loadings (up to 4.0kN/m²) i.e. kitchens & bathrooms.

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 10mm with various widths to suit Profloor Systems.

Profloor Adhesive 1ltr: Profloor Adhesive is used at the T & G joints between decks.

PROFLOOR MICRO DECK 17

Profloor Micro Deck 17 system utilises a 1200mm x 600mm moisture resistant MDF panel, making installation easier in confined spaces.

- Robust Detail-compliant **FFT5**
- Standard thickness 17mm
- Ideal for situations where floor-to-ceiling height is critical
- Hi-load grade available
- Improves impact sound
- Suitable for both timber and concrete floors
- Micro Deck utilises a 9mm moisture resistant MDF
- Patented edge support strip prevents joint fracture
- Foams are biologically stable
- Simple to install – no multi-layer build up
- Suitable for refurbishment and new build
- FSC certified



Physical Properties

Standard Sizes	Flanking Strip
17mm x 600mm x 1200mm	125mm x 7mm (10m rolls) with or without double-sided tape

Robust Details

FFT	RD Type
FFT 5 Resilient overlay shallow platform floor system. Suitable for use on the RD floors shown in right hand column >	E-FC-1 E-FC-2 E-FS-1 V-FS-1

Accessories

Profloor Micro Deck Hi-load: Used for areas with higher loadings (up to 4.0kN/m²) i.e. kitchens & bathrooms.

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 7mm thickness with various widths to suit Profloor Systems.

Profloor Adhesive 1ltr: Profloor Adhesive is used at the T & G joints between decks.



PROFLOOR SOLO DECK 23

Profloor Solo Deck 23 System is a product designed to enable compliance with Building Regulation requirements.

- Robust Detail-compliant **FFT5**
- Intended for use with concrete subfloors
- For use with relevant RD Floor constructions
- Recycled composite resilient layer
- One type satisfies requirements of both standard and hi-load areas (domestic applications)
- Suitable for new build and refurbishment
- FSC certified

Physical Properties

Standard Sizes	Flanking Strip
23mm x 600mm x 2400mm	125mm x 5mm (10m rolls) with or without double-sided tape

Robust Details

FFT	RD Type
FFT 5 Resilient overlay shallow platform floor system. Suitable for use on the RD floors shown in right hand column >	E-FC-1 E-FC-2 E-FS-1 V-FS-1

Accessories

Profloor Flanking Strip: Profloor Flanking Strip is used at all perimeters to isolate the flooring boards from the wall structure, and also the skirting boards from the flooring. Available in 5mm with various widths to suit Profloor Systems.

Profloor Adhesive 1ltr: Profloor Adhesive is used at the T & G joints between decks.

ETHAFOAM 2222

ETHAFOAM 2222 is a closed-cell polyethylene foam material for use as a resilient acoustic insulation layer in concrete floor structures.

- Impact sound insulation – conforms to European Building Standards.
- Ethafoam 2222 has the Technical Approval: ITB AT-15-7860/2015
- Minimal moisture retention – closed-cell structure allows use in humid environments.
- Low profile installation – minimal increase in floor height.
- Ageing resistant – formulated to withstand degradation caused by alkaline in concrete floors.
- Highly resilient – withstands the rigours of an on-site environment.
- Versatile – can be installed as single or multiple layers dependent on space and performance requirement.



Physical Properties

Properties	Test Method	Unit	Value
Roll size			1.5m x 75m
Thickness	EN 823	mm	5
Weight per roll			20.18 kg
Compressive Strength 25% Compression 50% Compression Short term compressibility	ISO 3386 EN 12431	kPa mm	 >20 >70 <1
Density	ISO 845 / EN1602	Kg/m^3	33
Impact sound insulation	EN ISO 140-7 EN ISO 10140-3: 2010	L'nT,w (dB) ΔL_w(dB)	52 20
Airborne sound insulation	EN ISO 140-4	DnT,w + Ctr (dB)	48
Thermal Conductivity	ISO8301	W/mK	0.04
Dynamic Stiffness	EN29052-1 / ISO 9052-1	MN/m^3	>50
Ageing resistance	SPO414 ISO1798	years	50
Water absorption (after 28 days)	EN 12087	volume %	<2

Accessories

Accessory	Profloor Flanking Strip	Profloor Support Batten	Profloor Adhesive 1Ltr	Profloor Dynamic Deck Hi-Load	Profloor Excel Deck Hi-Load	Profloor Micro Deck Hi-Load
						
Profloor Dynamic Batten	✓	✓	✓			
Profloor Excel Batten	✓		✓			
Profloor Solo Batten	✓		✓			
Profloor Dynamic Deck 26	✓		✓	✓		
Profloor Excel Deck 31	✓		✓		✓	
Profloor Solo Deck 23	✓		✓			
Profloor Micro Deck 17	✓		✓			✓

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- Members Area / Onsite App
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- Condensation Risk Analysis
- CAD Design
- Site Advice
- CPD Presentations
- Accreditations

Expertise and know-how to support your project

BATTEN OVERLAY DRAWINGS

Layout drawings for batten systems showing positioning of battens and giving a total quantity can be provided in CAD as overlay.

ACOUSTIC FLOORING TAKE-OFFS

We provide a wide range of high quality, solutions which are which meet the continuously evolving requirements of the construction industry.

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- Acoustic Floor Solutions
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Get in touch for more information
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contact@proctorgroup.com



Batten Overlay Drawings



" I believe the success of the A. Proctor Group is down to a solid foundation of innovation backed up by an excellent, loyal and committed team, every one of them playing an important role in our continued success. Scotland provides us with a unique platform to launch our ideas, systems and products. I am fiercely proud of this heritage and our brand."

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