

PROFLOOR LEVELLING SYSTEM

DESCRIPTION

The Profloor Levelling System was developed in order that a level finished floor could be laid on a cambered, stepped, or uneven sub-floor. Robust Detail constructions can still benefit from a levelling system that provides the final level and takes out any irregularities particularly in a mortar screed surface.

Types of base

Levelling bases are manufactured from injection moulded high grade polymer; 70mm x 100mm in three types: Types L & M with 10mm foam bonded to the base, Type H is for deeper floors with the foam bonded to timber blocks, which are bonded to the base of the cradle. Profloor Packers in 2mm, 3mm and 5mm thickness are inserted in the cradles to adjust the final level of the floor.

KEY FEATURES

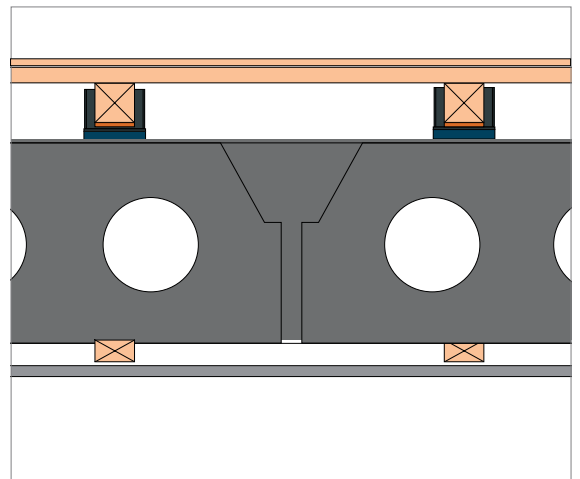
- Can provide impact and airborne sound insulation on concrete floors with a mass greater than 300Kg/m².
- Provides a level finished floor on uneven sub-floor; eliminating costly remedial work.
- Services can be placed in cavity created.
- Quick to install.
- No need to glue packing pieces.
- Total floor depth of system including an 18mm board finish can be as low as 51mm and as high as 203mm.
- Allows for application of a variety of floor surfaces i.e. chipboard, plywood or hardwood.
- Dry construction means no drying out delays.

ADVANTAGES

- Ideal for both new build and refurbishment
- Significantly reduces impact and airborne noise pollution in multi level buildings.
- Supremely versatile, making it suitable for most domestic flooring applications.
- Easy and fast to install to joisted or concrete floors (pre-cast or in situ)
- Floors can be used immediately after installation.
- Designed to last the lifetime of the floor.
- Non load bearing partition walls can be erected on the finished acoustic floor where a double batten run has been positioned below.



To produce a level floating finish to concrete subfloors



- Laminate Flooring
- 18mm Chipboard
- Profloor Levelling System
- 230mm Bison planks
- Timber Strapping
- 12.5mm Plasterboard

Tested floor construction

Airborne: $D_{nT,w} = 57\text{dB}$ $D_{nT,w} + C_{tr} = 50\text{dB}$

Impact: $L_{nT,w} = 52\text{dB}$

ROBUST DETAILS

FFT 2

Resilient cradle and batten system

Suitable for use on the following RD floors:

- E-FC-1
- E-FC-2
- E-FC-7
- E-FS-1

TECHNICAL SERVICES

The A Proctor Group's technical back-up has always been an integral part of our strategic development, with an outlook based on advanced technical solutions, rather than commodity driven. Our dedicated technical team is focussed on providing high quality advice and support to our customers all the way from drawing board to site.

Our experienced in-house technical staff are fully trained on industry-standard software and procedures from across our product ranges allowing our customers to specify and install our products safe in the knowledge that we will assist fully throughout the process.

ON-SITE & LABORATORY ACOUSTIC TESTING

Our in-house acoustics laboratory provides facilities for the testing of airborne and impact sound transmission for our own product development and as a stand-alone facility for clients wishing to obtain acoustic data on their products.

Site sound insulation testing is available to clients for both walls and floors as required by Building Regulations and as part of an assessment for residential conversion on the existing building prior to redevelopment. This allows us to provide tailored advice which can significantly reduce the risk of failure following completion and often reduce the level of material and remedial measures necessary to pass a sound test.

BATTEN OVERLAY DRAWINGS

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

ACOUSTIC FLOORING TAKE-OFFS

Quantity takeoffs for acoustics deck and batten systems from plan, including estimates for glues, mineral fibre quilts, flanking strip etc.



On-site and Laboratory Acoustic Testing

PROFLOOR LEVELLING SYSTEM RELATED ACCESSORIES

PROFLOOR FLANKING STRIP

Available in 5mm, 7mm & 10mm thickness. Various widths to suit Profloor Systems.

TIMBER BATTEN

Kiln dried plain softwood batten can be supplied with the Profloor Levelling System.

PROFLOOR ADHESIVE 1LTR

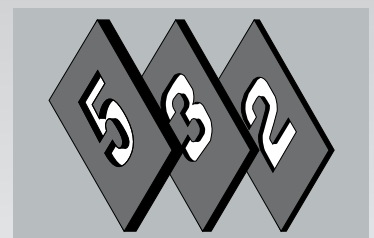
Water based PVA adhesive. Size 1 litre bottle.

PACKERS

Injection moulded packing pieces in 2mm, 3mm and 5mm. Suitable for use with Profloor Levelling System



Timber batten



Packers

www.proctorgroup.com

The Haugh, Blairgowrie, Perthshire, PH10 7ER

Tel: +44 (0) 1250 872 261 Fax: +44 (0) 1250 872 727 email: ask@proctorgroup.com