



Acoustiblok® sound insulation

Uniclass L68161:P7113	EPIC F852:X724
Ln6 (P2)	

Acoustiblok UK Limited

## AcoustiCradle Floating Floor

**AcoustiCradle** are made from 100% recycled rubber crumb materials and offer a cost-effective acoustic flooring solution by de-coupling the floating floor from the structural floor in way of towers, into which a suspended timber batten system is installed reducing direct linkage.

### GENERAL

**Introduction** *AcoustiCradle* is a very effective way of decoupling a finish floor from the substrate where depth tolerances are available and floor build-ups are possible. The cradles and floating timber floor systems are a much deeper system than other Acoustiblok solutions but can offer complete de-coupling of flooring levels and can further complement Acoustiblok1600 3mm and Acoustiblok32100 6mm Acoustic Insulation Membranes.

**Applications** *AcoustiCradle* is suitable for use in new build and refurbishment projects. They can also provide a convenient void between the subfloor and finish floor for service runs.

**Authority** *AcoustiCradle* has been acoustically tested in various assemblies including laminate and ceramic surfaces and are approved as Document E compliant for conversion and new build standards.

Acoustiblok Acoustic Insulation Systems far exceed Document E Building Regulation requirements.

Acoustiblok is a UL Approved Company.

### DESCRIPTION

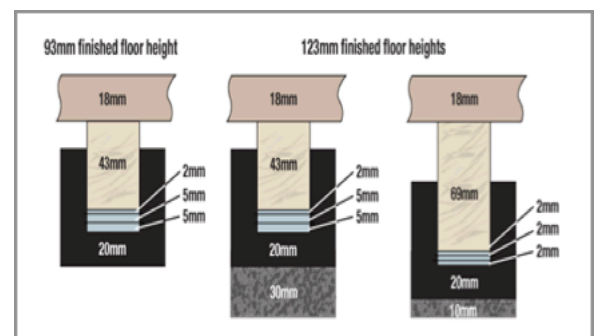
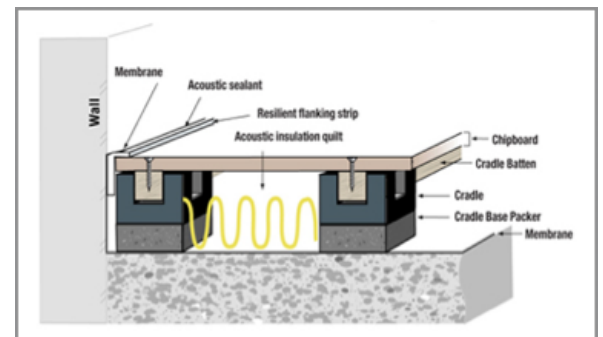
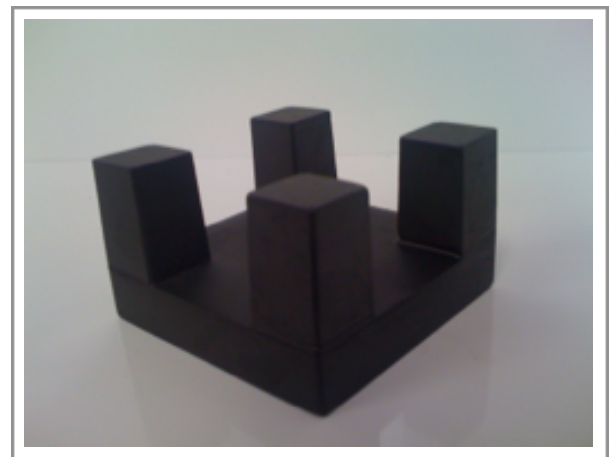
*AcoustiCradle* might offer an increased floor height but with a fully de-coupled platform on which to lay a new sub floor. The cradles can be easily adjusted to accommodate varying finished floor heights.

**Composition, manufacture** *AcoustiCradle* is formed from recycled rubber crumb.

**Accessories** include varying height base packers to increase height where necessary.

**Dimensions, weight** are shown in the table overleaf.

**Appearance** is a dense black crumb turret type block of resilient recycled rubber.



### Dimensions, weight *AcoustiCradle*

Depth (mm) : 60mm overall  
(20mm base, 40mm tower)  
Dimensions : 100mm x 100mm  
Weight (kg) : 0.25

### PERFORMANCE

**Mechanics** Material will not compress when used under standard board / sheet flooring materials.

**Acoustic** Delta  $\Delta L_w$  28dB (BS EN ISO 140-8:1998)

**Fire** Low Classification (BS 4790:1987)

**Biological** Proof against mildew growth, water resistant.

**Odour** No objectionable odour.

**Electrical** *AcoustiCradle* has high electrical resistance.

**Compatibility** *AcoustiCradle* can be used with all common building materials.

### SITWORK

**Health and safety** *AcoustiCradle* have a low classification. Skin that comes into contact with molten material should be immediately immersed in cold, running water until cooled before removal of the material is attempted.

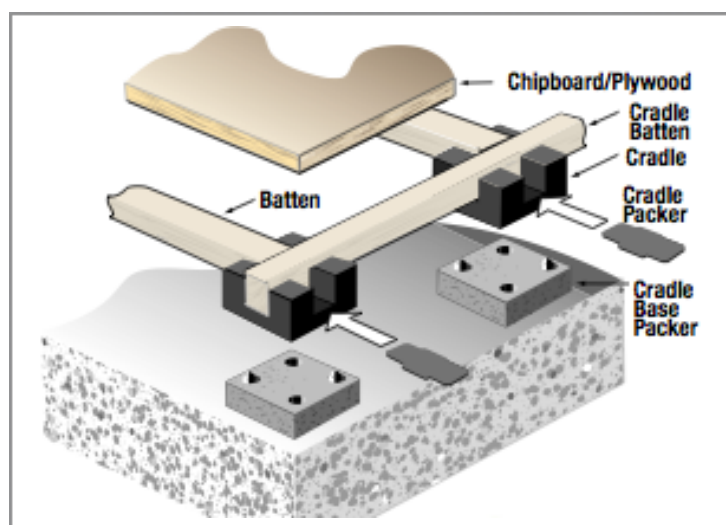
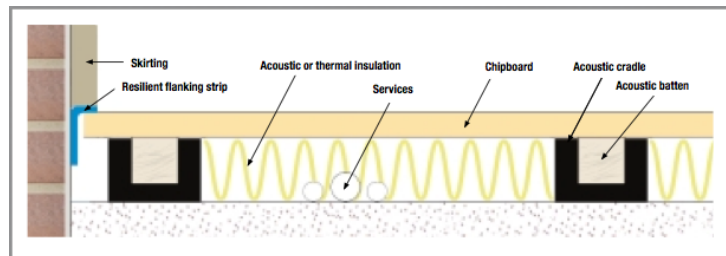
**Handling and storage** Materials are boxed and are moderately light weight. They should be stored in a sprinklered warehouse at a temperature below 60°C.

**Installation** The cradles are positioned at approximately 500mm centres across the entire treated area and levelled on site. The timber batten system sits into the cradles to offer a raised de-coupled sub floor level to be finished with board / sheet material.

### SUPPLY

All products are supplied direct from the company.

### Acoustiblok installation details



### SERVICES

The company provides the following services to specifiers:

- supply only
- technical advice
- site visit, acoustic survey feasibility study and specification report
- consultancy, working alongside sub-contractors, builders and maintenance teams

### REFERENCES

Information on acoustic underlays, tapes and caulk is available from the company.

Information on UL certification is available:

- directly from the company's website, or
- from [www.ul.com](http://www.ul.com) using classification file number R21490.

### Acoustiblok UK Limited

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