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## **BRC Acoustic Panel –Ceiling Upgrade System**



### **The Product**



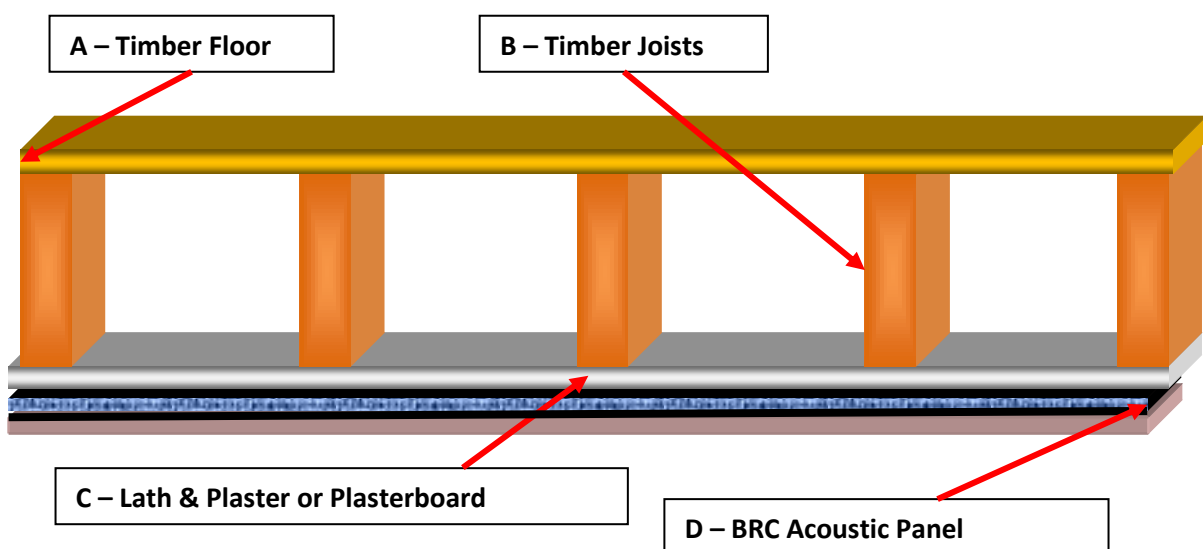
The BRC Acoustic Panel System upgrades existing walls and ceilings to dramatically reduce sound transmission. It is ideal either where existing walls or ceilings have failed pre-completion testing or as a solution to noisy neighbours. It can be applied to lightweight wall structures or existing

plasterboard stud walls. Ceilings can be over boarded without the need to use a drop ceiling or resilient bars. It meets Part E of the Building Regulations Document. Slim composition means little compromise on living space despite the high performance. The BRC Acoustic Panel System is easy to install (see installation instructions)

### **The Facts**

A simple, effective solution at just half the thickness of other systems (only 30mm). Fire retardant properties. Sustainable – made from 100% recycled material. Once installed any decorative finish can be applied. Acoustic sealant must be used around the perimeter to ensure compliance. Tested in UKAS accredited laboratory on lightweight 100mm block wall. Site and lab test data available on request.

### **Ceilings**



The Acoustic Panel is simply mechanically fixed over the existing ceiling and fixed to the ceiling joists using suitable screws. All abutments are sealed with Fire & Acoustic Sealant. The panel can then be painted or skimmed with plaster depending on the finish required.



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## **BRC Acoustic Panel –Ceiling Upgrade System**

### **DATA Information**



#### **Composition:-**

15mm Acoustic Triple Layer laminated to a 15mm

Fire Rated Plasterboard

Board Size : 1200mm x 1200mm

Thickness : 30mm

Approved Document E Airborne Requirements-  
Refurbishment & Conversion -43dB

New Build – 45dB

BRC Acoustic Wall Panel offers up to 10dB  
improvement when installed on one side of an  
existing wall or ceiling only

## **BRC Acoustic Panel Performance**

### **Fire Protection.**

Gyproc Plasterboard linings provide good fire protection owing to the unique behaviour of the non-combustible gypsum core when subjected to high temperatures. For the purposes of the national Building Regulations, plasterboard is designated a 'material of limited combustibility' (Approved Document B).

The surfaces of plasterboard are designated Class 0 (for the purposes of national Building Regulations).

### **Fire resistance / sound insulation.**

Please refer to the appropriate White Book product or system section for information on the fire resistance and sound insulation of building elements lined with Gyproc 15mm Fire Rated Plasterboard. The Acoustic Panel with the composite rubber and Gyproc 15mm Fire Rated Plasterboard offers up to 10dB improvement.

### **Contact Information**

If you require more information on the BRC Acoustic Panel or wish to place an order please contact us on 01489 788833 or E Mail – [technical@brc-ltd.co.uk](mailto:technical@brc-ltd.co.uk).

We will be happy to discuss your acoustic requirements with you to ensure that the BRC Acoustic Panel is the best solution.