

# AcoustiBoard-F

## USES:

- Separating Floors
- Concrete Floors
- Robust Detail FFT5 Compliant

## BENEFITS:

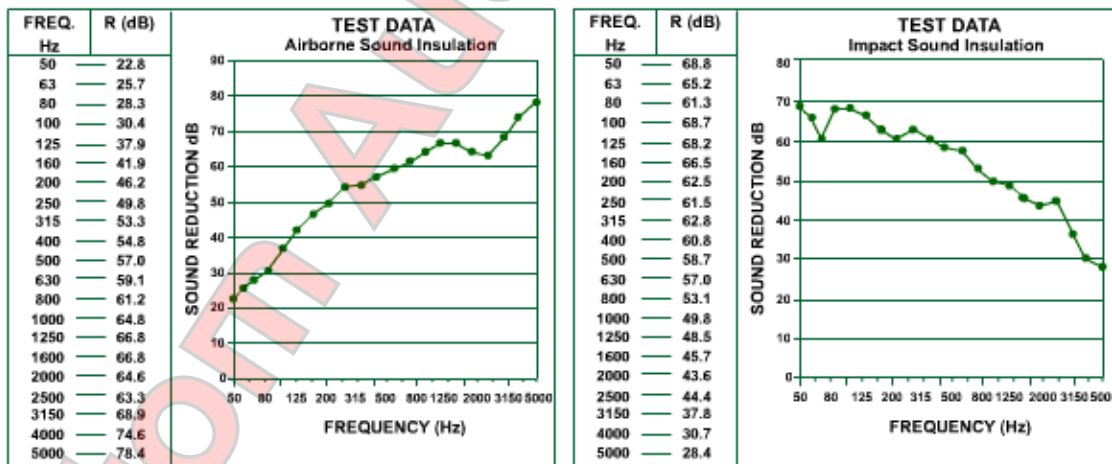
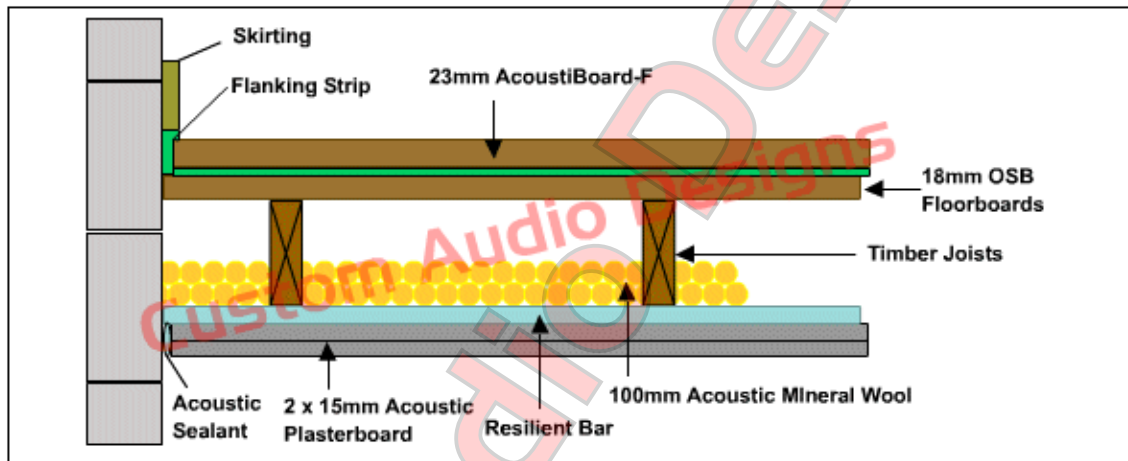
- Robust Detail Compliant FFT5
- Provides significant reduction in impact noise and vibration
- Easy to install
- Does not significantly increase the floor level

## ACOUSTIBOARD-F

AcoustiBoard-F is designed to provide excellent acoustic sound insulation with ease of installation. No need for separate isolation layers and T&G chipboard. The product is a laminate of 5mm Iso-Screed bonded to the bottom of 18mm P5 moisture resistant tongue and grooved chipboard.

AcoustiBoard-F meets the Robust Details for Floating Floor Treatment 5, for constructions: E-FC-1, E-FC-2 and E-FS-1.

AcoustiBoard-F also complies with Part E Regulations as an overlay solution for a refurbished timber floor.



Tested Performance of the Above Structure:-

$$R_w = 59 \text{ dB } (C_{tr} - 10) \quad L_{nw} = 59 \text{ dB}$$

$$R_w + C_{tr} = 49 \text{ dB}$$

Further improvements can be made by placing 19mm Gypsum based plank over the sub floor before installing the AcoustiBoard-F.

If this is undertaken first then improved results will be in the order of:

**Airbourne**

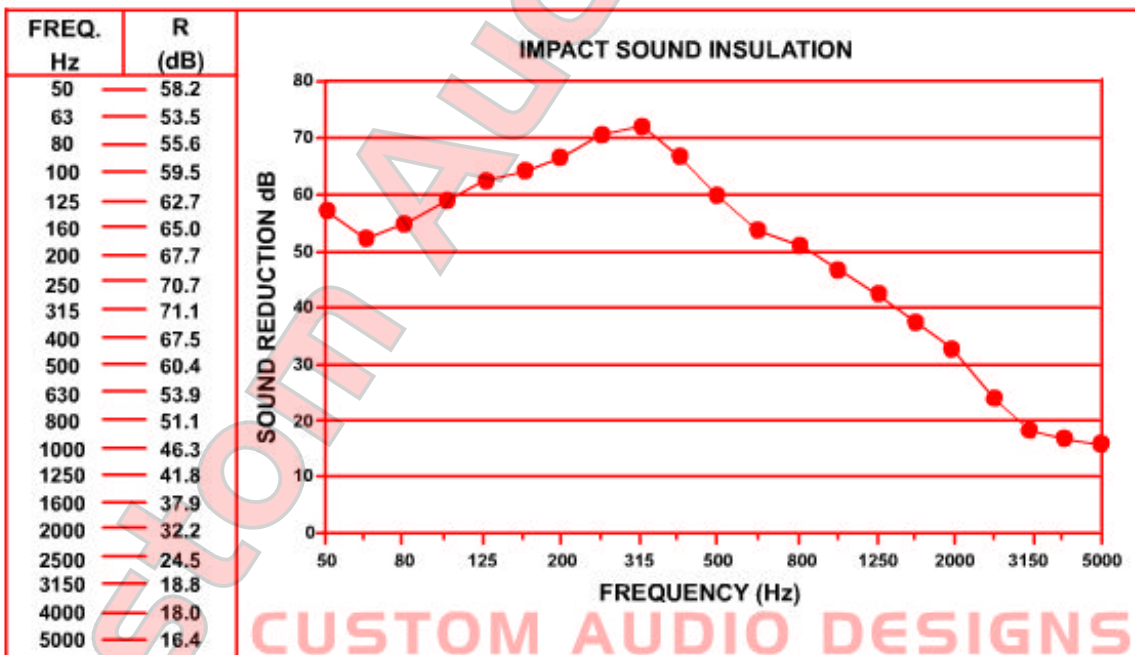
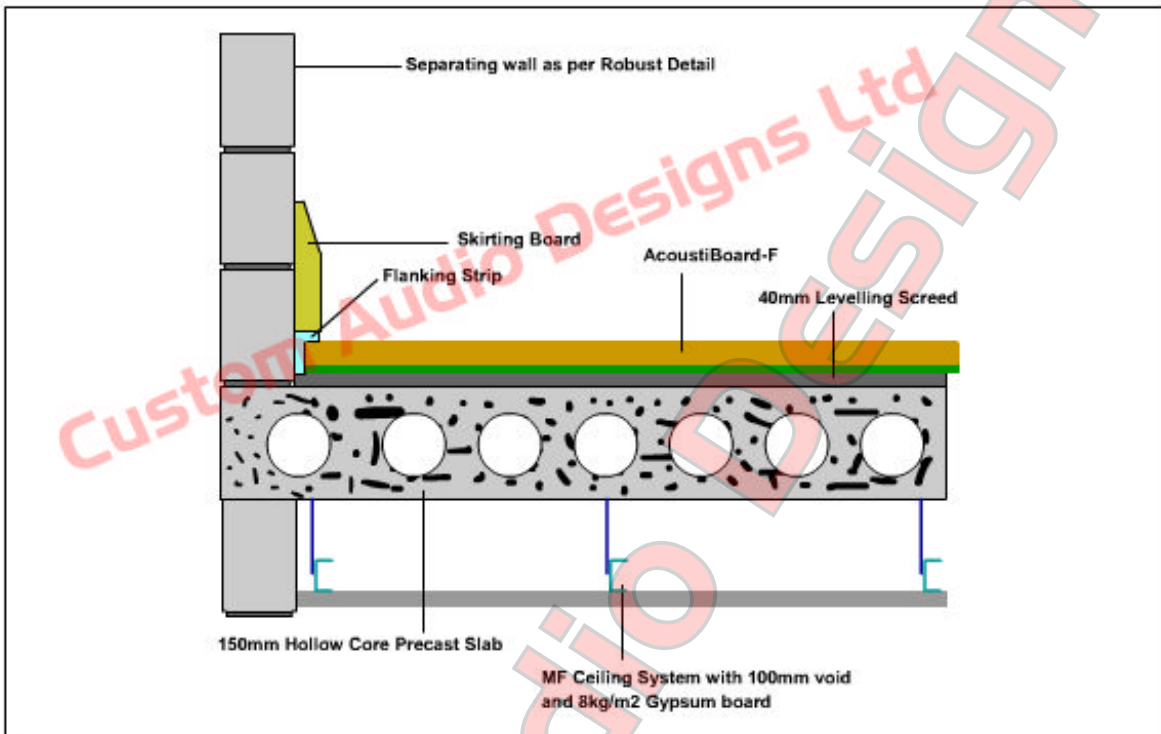
**Impact**

$R_w=62\text{dB}$  ( $C_{tr}=8$ )

$L_{nw}54\text{dB}$

$R_w + C_{tr}= 54\text{dB}$

**SEPARATING FLOORS / CONCRETE FLOOR / ROBUST DETAIL FLOATING FLOOR TREATMENT 5 / Rd Delta  $L_w18\text{dB}$**



GENERAL PHYSICAL DATA	
Sheet Size-	2400 x 600mm
Thickness-	23mm (above screed)
Weight-	13.165kg/m <sup>2</sup>
Full System Fire Protection-	60 minutes
Sheet per pallet-	52

All information contained in these details is given in good faith but without warranty.  
Custom Audio Designs reserves the right to alter the specifications of any product without notice.

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