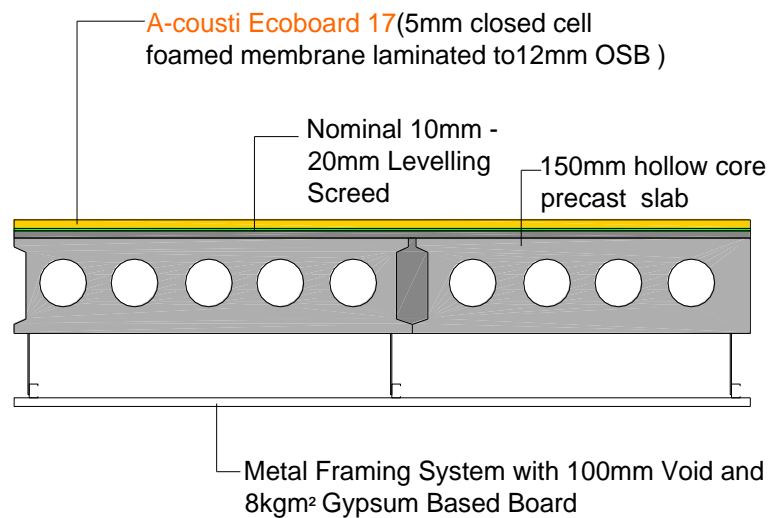


Technical Installation Guide Number 14

# A-Cousti Ecoboard 17

## Description

A-Cousti Ecoboard meets the requirements for Robust Details floating floor treatment 5 (FFT5) for concrete floor constructions E-FC-1, E-FC-2, and E-FS-1. The product is a laminate of 5mm closed cell resilient foam and 12mm OSB board.



## Specification

Components:	12mm Orientated strand board. 5mm green closed cell foamed membrane
Thickness:	17mm
Board Size:	1840mm X 675mm
Board weight:	17.7kg
Weight/m <sup>2</sup>	12.2kg
Test results	
RdΔLw	18dB (concrete floors 17dB minimum required to comply with FFT5).

## Test Results

Compliance to FFT5 was measured at SRL Laboratories over a core floor conforming to the requirements of Robust Details Appendix D. Test Certificate number 3893 March 2005. Ceiling treatments 1-4 are permitted for the Robust Details above. CT 1 is illustrated above.

## Features and Benefits

Feature	Benefit
o Closed cell foam	Forms moisture barrier
	Prevents moisture deforming chipboard
	Hygienic solution for wet areas
o Only 17mm thick	Minimises floor thickness
o Unique packaging system	Prevents damage to edges and corners
o Competitive pricing	Lower total cost
o Concrete floor solution	One product fits all

## Applications

As an overlay system for concrete.

On concrete floors conforming to Robust Detail specifications without the requirement for Pre Completion Testing and on refurbished concrete floors to meet the requirements of Approved Document E.

## Technical Installation Guide

1. Ensure that the product is always stored under cover in dry moisture free conditions.
2. Handle with care when moving around the site or unpacking to avoid damage to the edges and corners.
3. The building should be watertight before installation.
4. Ensure sub-floor is thoroughly swept and free from extraneous material.
5. Since the foam laminate is moisture repellent there is no requirement for a vapour control layer.
6. Lay board with resilient foam layer down.
7. Measure up room and cut boards 5mm short of wall to accommodate **A-Cousti** flanking strips.
8. Stagger the joints ensuring that the tongue and grooves are tightly fitting to avoid any gaps for sound to penetrate.
9. Joints must be glued using adhesive and left for 12 hours before walking on.
10. Under no circumstances should the boards be fixed through to the sub-floor.
11. Insert flanking strip as you go and ensure the boards are pushed tightly against the strip. Do not leave any gaps in the strip and ensure that at no point the boards of the floating layer contact the walls of the structure as this will allow flanking and structural transmission of sound and impair the acoustic performance of the floor.
12. Complete the installation by turning the protruding part of the flanking strip over the board and trap below the skirting to completely isolate the floor from all other hard surfaces
13. Trim off any excess with a sharp knife and seal the junction with **A-cousti Fix and Seal**.

*Updated April 2010*