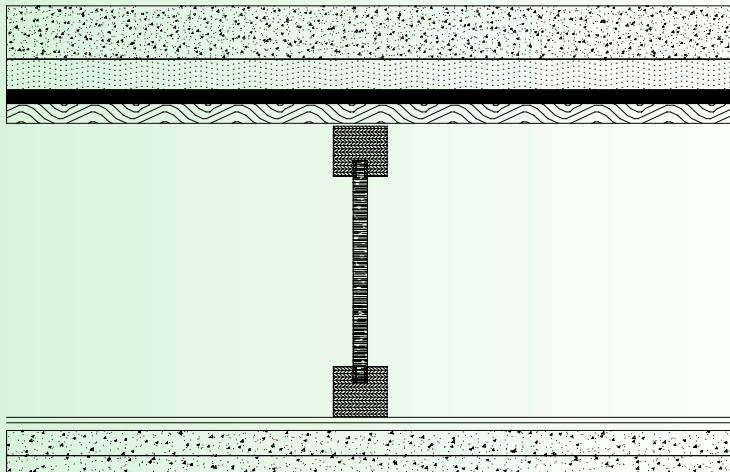




## SEPARATING FLOOR SoundBar<sup>®</sup>



40mm SoundBar<sup>®</sup> screed  
34mm Finnforest SoundBar<sup>®</sup> acoustic insulation  
15mm OSB board

Finnforest 220mm FJI joists  
at 400mm centres

Resilient bars at 600mm centres  
19mm plasterboard plank  
12.5mm sound resistant plasterboard

### SITE

Laboratory

### TEST ORGANISATION

Sound Research Laboratories Limited

### REPORT / TEST No. / TEST DATE

C/05/5L/3300/1 / Tests 2 and 3 / 25th July 2005

### TEST METHOD

BS EN ISO 140-3: 1995 and BS EN ISO 140-6: 1998

### TYPE OF TEST

Laboratory test on a single building element as described below

### RESULTS

R<sub>w</sub> (C; Ctr) - 61 (-1; -4) dB

L'n, w (C) - 57 (-2) dB

### FLOOR CONSTRUCTION

- 40mm SoundBar<sup>®</sup> screed applied over a slip membrane
- 34mm Finnforest SoundBar<sup>®</sup> acoustic insulation
- 15mm OSB board fixed to joists
- 220mm Finnforest FJI timber floor joists at 400mm centres
- Resilient bar fixed to underside of joists (set at 600mm centres)
- A ceiling comprising a layer of 19mm plasterboard plank and a layer of 12.5mm sound resistant plasterboard fixed to resilient bars

LAFARGE GYVLON FLOWING SCREED  
ACOUSTIC TEST DATA SHEET - 14

Lafarge Gyvlon Ltd

Europa Boulevard, Westbrook Warrington WA5 7TN

Phone: 01925 428780 Fax: 01925 428788

Email: sales@gyvlon.co.uk