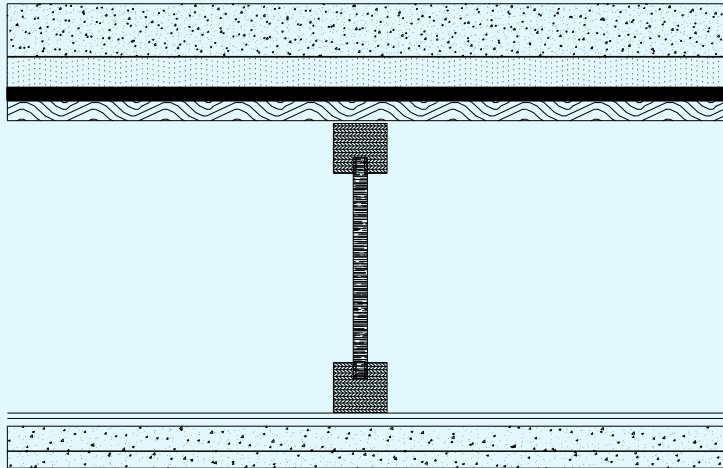




Acoustic Test Data Sheet 14

SEPARATING FLOOR SoundBar[®]



40mm SoundBar[®] screed
34mm Finnforest SoundBar[®] 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

TEST ORGANISATION

REPORT / TEST No. / TEST DATE

TEST METHOD

TYPE OF TEST

RESULTS

Laboratory

Sound Research Laboratories Limited

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

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

Laboratory test on a single building element as described below

R_w (C; Ctr) - 61 (-1; -4) dB

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

FLOOR CONSTRUCTION

- 40mm SoundBar[®] screed applied over a slip membrane
- 34mm Finnforest SoundBar[®] 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



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Calcium Sulfate binder
EN 13454-CAB-30



greenspec[®]