



RAINBOW FLOORING ACCESSORIES

Acoustic Certificate

Test By: **Koikas Acoustics Pty Ltd**

Reference: 2584 Full Report Binder 2014 09 12 V1

Foam Sound Solution 5mm

This underlay has been tested and approved to meet with BCA and AAAC requirements.

This has been tested for impact noise compliance for Bass Timber Pty Ltd

Test results were compared to the acoustics requirements of part F5 of BCA (building codes of Australia) and the standards prescribed by the Association of Australia Acoustical Consultants (AAAC)

Foam Sound Solution 5mm was tested underneath the following Timber Flooring

Testing Samples	L'n,w+Ci		L'nT,w	AAAC Star Rating
12mm Laminate Floating Boards	46	BCA Criterion L'n,w+Ci ≤ 62	44	5
14mm Bamboo Timber Flooring	47		45	5
14mm Engineered Floating Flooring	46		43	5
8mm Laminate Floating Flooring	45		41	5

Note, test was undertaken with 200mm thick concrete sub-base and 13mm suspended plasterboard ceiling with 100mm cavity.

BCA criterion ($L'n,w+Ci < 62$) for impact noise insulation

The lower the rating number the better the acoustic performance

Normalised / Standardised impact sound pressure level according to ISO 140-7

Rating according to ISO 717-2