



The AngelStep[®] Difference

What makes Acoustica AngelStep[®] underlays different to other competitor's acoustic underlays?

Many competitor products claim to have greater performance than the minimum BCA minimum impact standard of $L_n T_{w}$ equal to or less than 62.

Unfortunately, their claims are based only on laboratory tests which fail to simulate the variables that are present in the constructions they are to be installed into.

It is very important to be aware of these following factors as each floor / slab is different in its construction.

The ease of impact transmission depends principally on the following and existing construction systems.

- Size and thickness of the concrete slab
- Density of the concrete
- Span of the slab (distance between slab supports)
- Amount of steel reinforcement
- The natural slab vibrations characteristics
- The presence (or not) of a suspended ceiling under the slab
- The cavity size between the suspended ceiling and the slab
- The presence (or not) of insulation in the ceiling cavity
- The existence & number of 'Down Lights' in the ceiling below

Many competitors state in their disclaimer's that they do not warrant or guarantee these tests are true, accurate or non-misleading and these claimed results are provided only for informational purposes.

AngelStep[®] acoustic underlays have been proven to achieve up to AAAC 6 stars rating which is far greater than the minimum BCA standard of AAAC 2 stars.

Acoustica doesn't just use lab tests to make these stated claims to promote the performance of the various AngelStep[®] underlays, we have always used independent acoustic engineers to test the products in 'real life' situations, therefore ensuring the claims are correct and certifiable. When the strata criterion requires a AAAC 5 or 6 star rating for the finished floor, an Impact Acoustic Test must always be completed to ensure compliance.

When choosing an acoustic underlay, be sure to choose the correct **AngelStep[®]** product that not only achieves the highest impact rating but is also suitable for the intended application.