

## 9 CONCLUSION

Insulfloor (light weight sandwich panels) manufactured by Ecobuild Solutions was tested in accordance with AS/NZS 1170.1 and 4266.5 standards.

Different testing methods were adopted to check the performance of the panels under different load configuration and test setup to simulate the real behaviour of the panels in practice.

It can be concluded from the testing results and behaviour under testing that the performance of the panels in terms of load capacity and deflection satisfies the requirement of the above mentioned standards.

## 10 REFERENCES

AS/NZS 1170.1:2002 Structural design actions part1: permanent, imposed and other actions.  
AS/NZS 4266.5:2004 Reconstituted wood-based panels- methods of test; Method 5: Modulus of elasticity in bending and bending strength.