

## Structural Analysis & Test Report

### Modulus of Elasticity in Bending and Bending Strength Test

AS/NZS 4266.5:2004 Modulus of elasticity and bending strength  
AS/NZS 4266.1:2017 Reconstituted wood-based panels - Methods of testing

### Accredited High Precision Test Equipment

MTS Exceed Model 45.105 - 100kN Universal Testing Machine S/N: 05300720

### Testing Laboratory

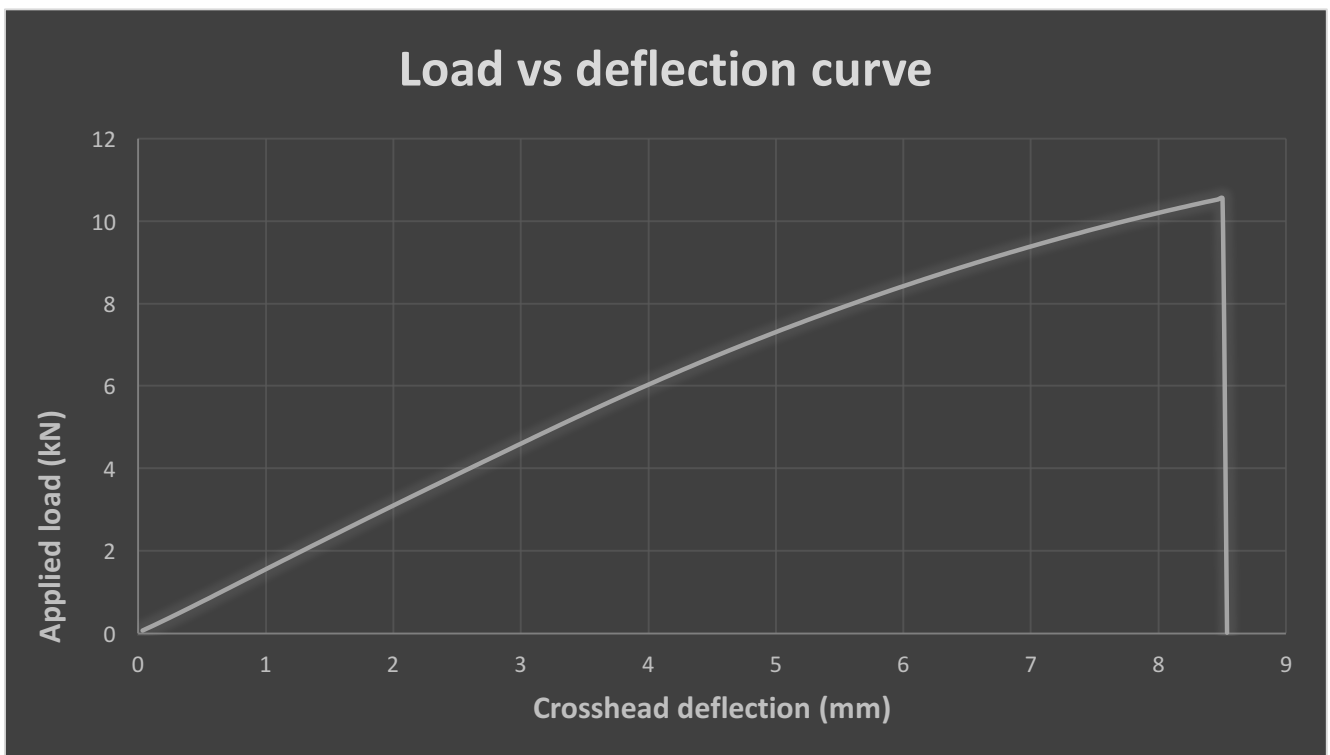
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## TEST RESULTS

**Specimen Identification:** COEN Composite Wood - 200 x 50 mm Hollow Sleeper

Width of test piece (mm)	: 200	Test date	: 29/08/2018
Thickness of test piece (mm)	: 50	Span (mm)	: 600
Displacement rate (mm/m)	: 20.0	Maximum load (N)	: 10678

Modulus of Elasticity ( $E_m$ )	: 3720.4	MPa
Bending Strength (Modulus of Rupture) ( $f_m$ )	: 30.7	MPa



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