

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

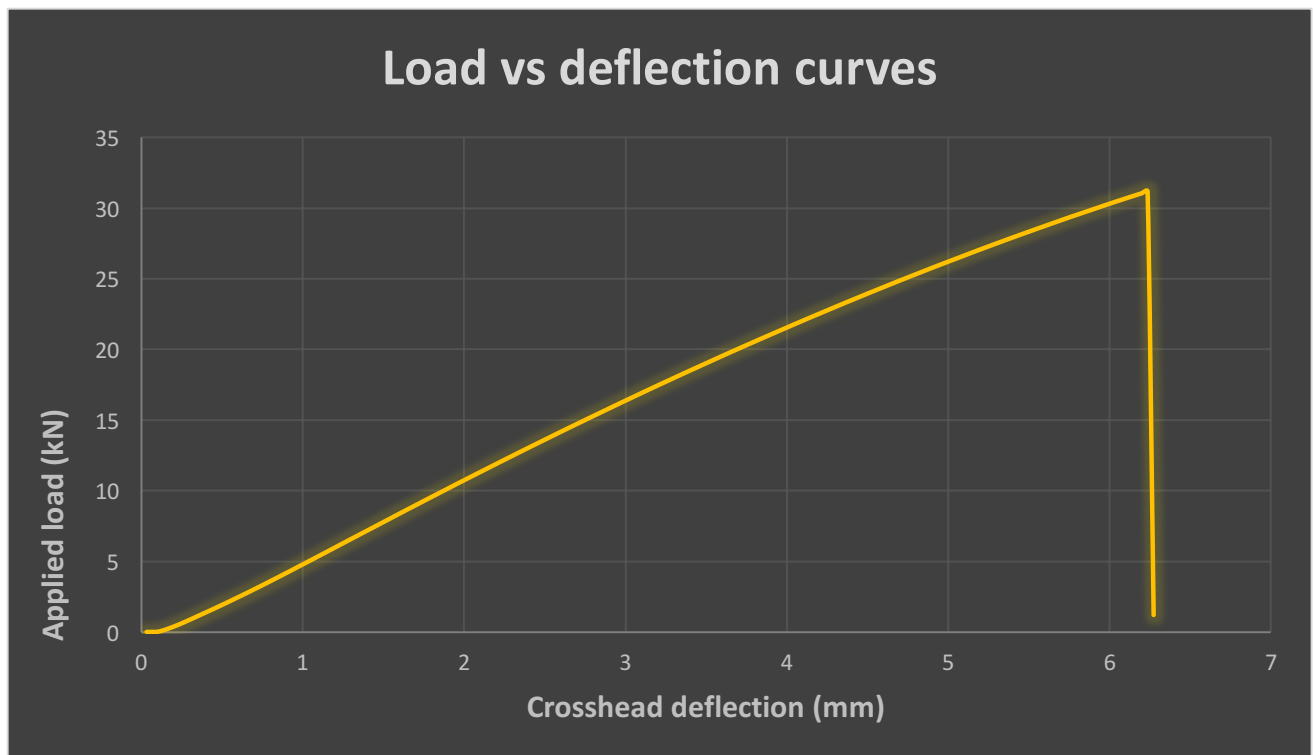
Structures Laboratory, CQ University Australia, 554–700 Yaamba Road, Norman Gardens 4701

TEST RESULTS

Specimen Identification: COEN Composite Wood – 100x100 mm Column

Width of test piece (mm) :	100	Test date :	29/08/2018
Thickness of test piece (mm) :	100	Span (mm) :	600
Displacement rate (mm/m) :	20.0	Maximum load (N) :	31192

Modulus of Elasticity (E_m) :	4093.1	MPa
Modulus of Rupture (f_m) :	39.3	MPa



*The information contained within this report may not be quoted other than in full.
Extracts may be used only with expressed prior written approval from CQUniversity Australia*