

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

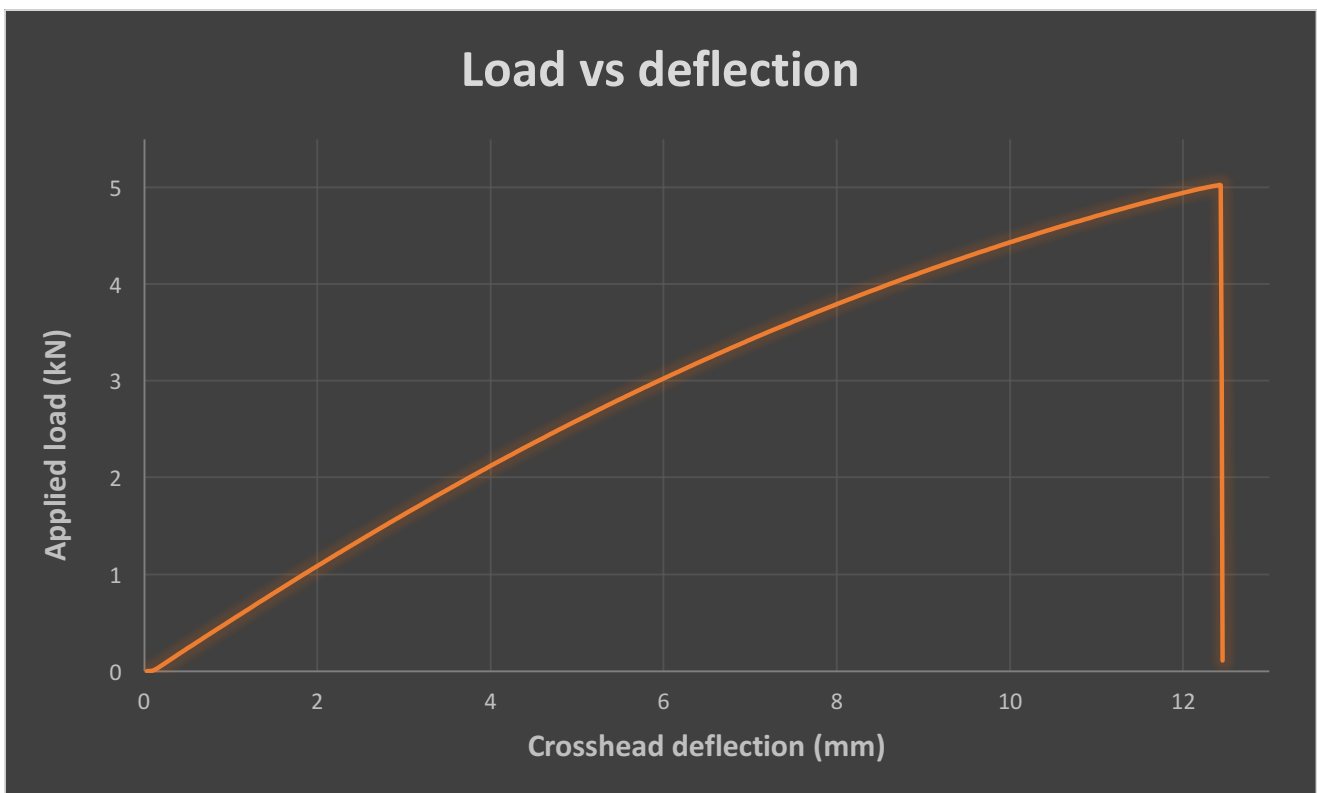
Structures Laboratory, CQ University Australia, 554–700 Yaamba Road, Norman Gardens 4701

TEST RESULTS

Specimen Identification: COEN Composite Wood - 50 x 50 mm Solid Screening

Width of test piece (mm)	: 50.0	Test date	: 29/08/2018
Thickness of test piece (mm)	: 50.0	Span (mm)	: 600
Displacement rate (mm/m)	: 20.0	Maximum load (N)	: 5022

Modulus of Elasticity (E_m)	: 4207	MPa
Bending Strength (Modulus of Rupture) (f_m)	: 36.2	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.*