

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

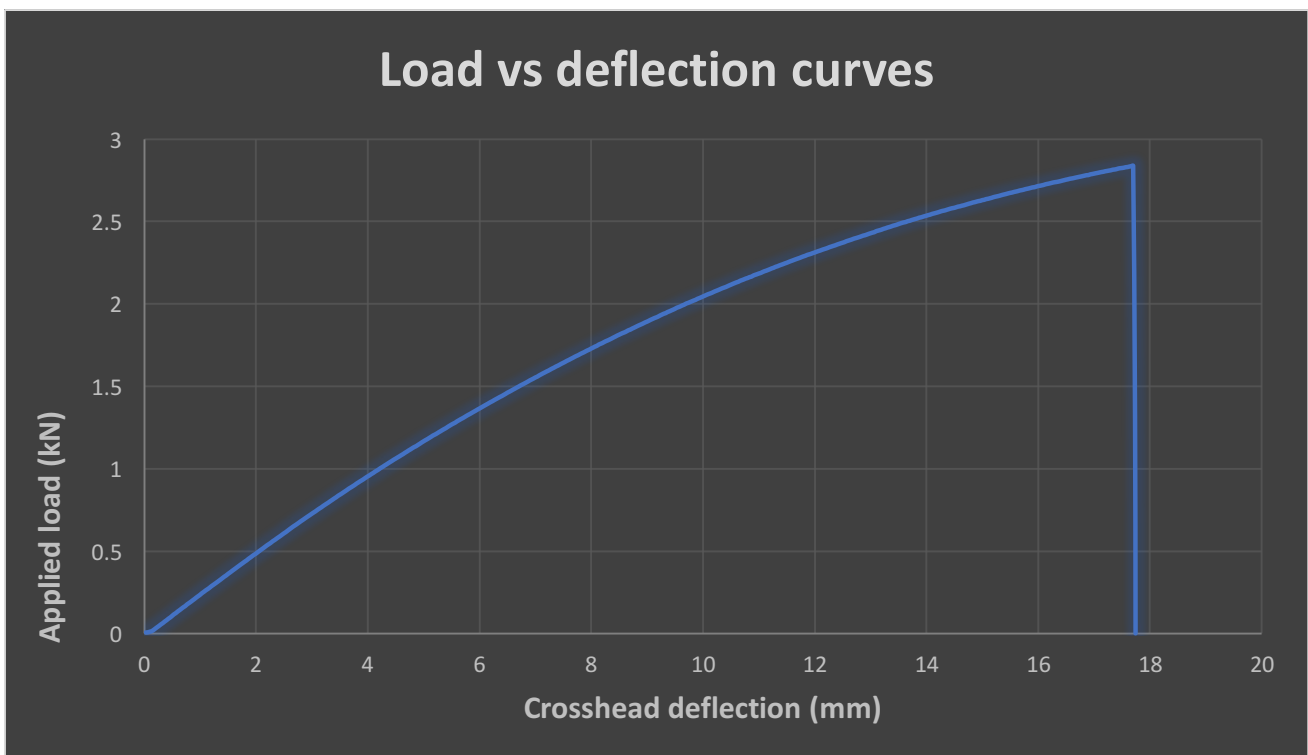
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TEST RESULTS

Specimen Identification: COEN Composite Wood - 40 x 40 mm Solid Screening

Width of test piece (mm) :	40.0	Test date :	29/08/2018
Thickness of test piece (mm) :	40.0	Span (mm) :	600
Displacement rate (mm/m) :	20.0	Maximum load (N) :	2836

Modulus of Elasticity (E_m) :	4802	MPa
Bending Strength (Modulus of Rupture) (f_m) :	39.2	MPa



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