

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

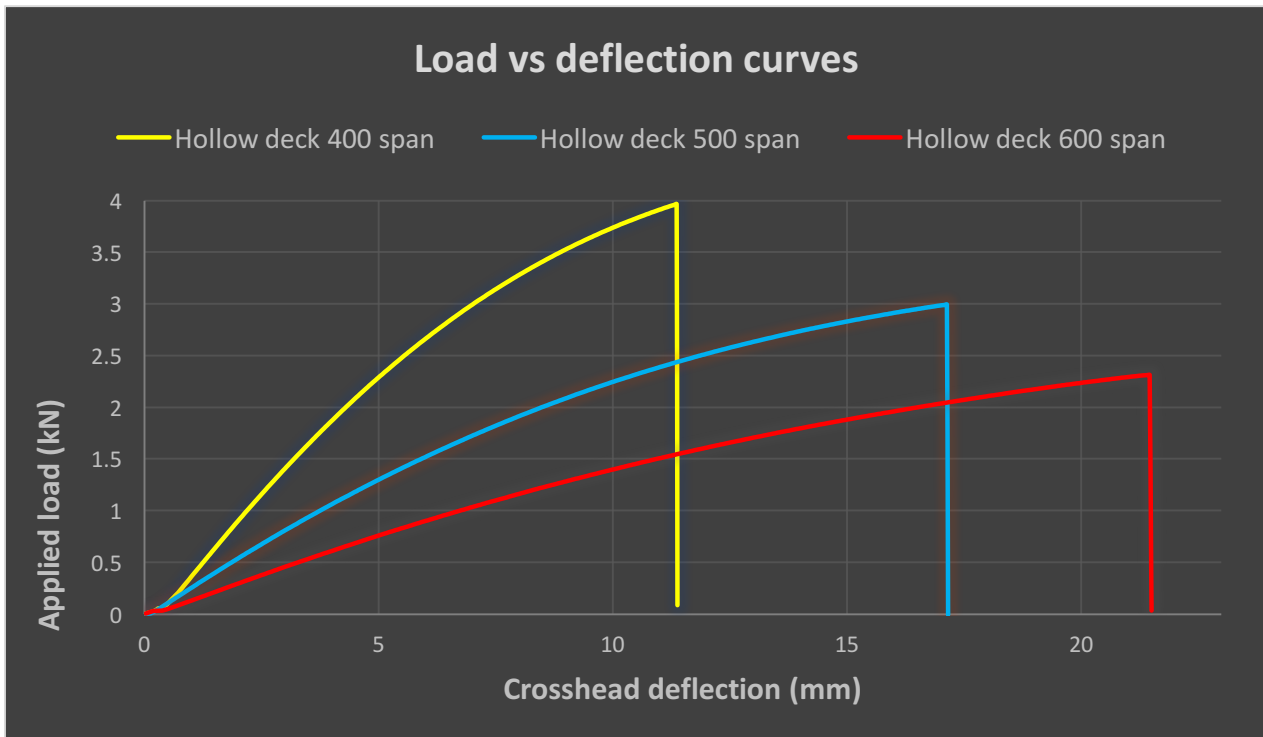
TEST RESULTS

Specimen Identification: COEN Composite Wood – Hollow Decking

Width of test piece (mm) : 140	Test date : 29/08/2018
Thickness of test piece (mm) : 25	Span (mm) : 400,500,600
Displacement rate (mm/m) : 20.0	Maximum load (N) : 3963, 2995, 2314

Modulus of Elasticity (E_m) : 3175, 3147, 3425 MPa

Modulus of Rupture (f_m) : 26.9, 24.3, 22.9 MPa



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