



**Boral Construction Materials  
Materials Technical Services**  
Unit 4, 3-5 Gibbon Road  
Baulkham Hills NSW 2153 Australia  
PO Box 400, Winston Hills NSW 2153  
T: +61 2 9624 9900  
F: +61 2 9624 9999  
www.boral.com.au

**CONCRETE TEST REPORT**

**CLIENT: PARCHEM Construction Supplies P/L**

**FILE No: 648 / 13  
Request No: 55501**

**PROJECT: Determination of Modulus of Elasticity on 3 Hours cured on  
Conbexta HES mixed @ 2.3 L of Water per 20 Kg/Bag**

**Lab. Sample No: 148981**

**Sample description: 100x200mm Mortar cylinders**

**TEST METHOD: AS1012.17 – STATIC CHORD MODULUS OF ELASTICITY**

Cast Date: 03.12.2013  
Date of Test: 03.12.2013  
Age at date of Test: 3 hours  
Ambient Temperature: 22.0 °C  
Ambient R.H: 51%

SPECIMEN NO:	MODULUS of ELASTICITY (GPa)
17790 - A	23.2
17790 - B	23.5
17790 - C	23.4
<b>Compressive strength 29.5 MPa</b>	<b>Average static chord modulus of elasticity: (GPa) 23.4</b>

**Remarks:** Specimens were prepared / cast and air cured in accordance of AS1012.8.1 in this laboratory .After 3 hours of air curing testing was done in accordance with AS 1012.9 and AS1012.17.

**Michael Mc Kinnon, File 648, File 7428, Ref: 55501AS**



ACCREDITED FOR  
TECHNICAL  
COMPETENCE

Approved Signatory

Date 9.12.2013

Serial No. 121821

Arnel M. Santos