

**Client:** Parchem Construction Supplies Pty Ltd  
7 Lucca Road  
Wyong NSW 2259

**Your Reference:** Resistivity Testing

**Our Reference:** JN 15-06-291

## Certificate of Test No. 11169

**Sample:** Repair Mortar Sample

**Date Cast:** 23<sup>rd</sup> November 2015

**Date Tested:** 21<sup>st</sup> December 2015 & 18<sup>th</sup> January 2016

**From:** SGS Laboratory, Bassendean

**Description & Condition:** 1 –off bag of RENDEROC LA55 PLUS

**Test Description:** Electrical Resistivity Testing

### Sample Preparation:

Standard cylinder samples (200 x 100 mm diameter) were cast by SGS as per Parchem's technical data sheet. Samples were demoulded at 24 hours and cured in limewater at 23±2 °C until test dates.

### Test Method:

In general accordance to the AASHTO method, "Surface Resistivity Indication of Concrete's Ability to Resist Chloride Ion Penetration".

Readings taken at 50 mm spacing using a Proceq Resipod 50 mm.



18/01/2016

Tested By  
A. Luobikis, Technical Officer

Date



20/01/2016

Authorised By  
N. Nguyen, Chemist

Date

**Test Results:**

**Lab Sample No.:** P40322  
**Client ID:** RENDEROC LA55 PLUS  
**Cast Date:** 23/11/2015  
**Spacing of Probes:** 50 mm

28 day Results:

<b>Resistivity Readings – Kohm.cm</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Average</b>
<b>A</b>	109	104	107	107	107
<b>B</b>	109	110	109	110	110
<b>C</b>	101	102	102	103	102
<b>Set Average:</b>					106
<b>Set Average with Limewater Curing Correction:</b>					117

56 day Results:

<b>Resistivity Readings – Kohm.cm</b>					
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>Average</b>
<b>A</b>	178	181	178	179	179
<b>B</b>	180	178	178	180	179
<b>C</b>	169	171	171	170	170
<b>Set Average:</b>					176
<b>Set Average with Limewater Curing Correction:</b>					194

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