

Client:	Parchem Construction Supplies Pty Ltd 7 Lucca Road Wyong NSW 2259
Your Reference:	Renderoc Testing
Our Reference:	JN 16-10-349
	Certificate of Test No. 16215
Sample:	Repair Mortar Sample

Date Received:	13 th December 2016
Date Tested:	07 th February – 16 th March 2017
From:	
Description & Condition:	1 –off bag of RENDEROC HB40 PLUS

Test Description: Chloride Diffusion, Nordtest NT Build 443

Sample Preparation:

Standard cylinder samples (200 x 100 mm diameter) were cast by SGS as per Parchem's instructions. Samples were demoulded at 24 hours and cured in limewater at 23 ± 2 °C until test dates. Sub-samples were taken from the body of the cylinder, coated with epoxy resin and saturated to constant weight.

Test Method:

Method of test in accordance with Nordtest NT Build 443 Approved 1995-11 "Concrete, Hardened: Accelerated Chloride Penetration". Sub-samples analysed for chloride content by BS 1881: Part 124: 2015 "Methods for Analysis of Hardened Concrete" Section 12.1, except titration by potentiometric method.

This Certificate of Test replaces Certificate of Test No. 12106 which is now withdrawn.

IME

R. Lu, Geotechnician

16/03/2017 Date

30/05/2022

Authorised Signatory Date N. Nguyen, Laboratory & Quality Manager

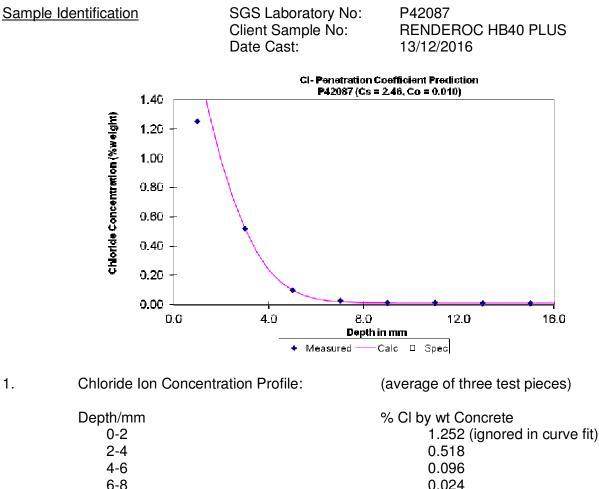


Tested By

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Test Results:



1.

6-8 8-10 10-12 12-14 14-16

Background, Ci

- 2. Determined Diffusion Coefficient, De: Surface Chloride Concentration, Cs: Final Chloride Concentration, Cf:
- 3. Penetration Parameter, K_{Cf}:

18 mm/√year

2.46 %

0.05%

0.013

0.011

0.009

0.010

0.94 x 10⁻¹² m²/sec

0.010 (assumed value)

Note: Editorial changes to the Client ID only.

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