



**Boral Construction Materials
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TEST REPORT

CLIENT: Dixon Rock and Black

FILE No.: 911 / 19

PROJECT: Testing of Sandstone - 50 mm Cubes

REQUEST No.: 102193

TEST PROCEDURE: AS 4456.10 - Method A - Determining Resistance to Salt Attack

Laboratory Sample No.: 274133
Date Sampled: 02/09/2022
Date Received: 7/10/2022
Date Tested: From 10/10/2022 to 27/10/2022
Location of Sampling: 4610 Old Northern Road Maroota NSW 2756
Sample Description: Sandstone – 50 mm Cubes
Date of Manufacture: 1st September 2022
Field No.: 1

TEST RESULTS:

Solution Used	Specimen No.	Total Mass Loss (g)	Total Mass Loss (%)	Average Mass Loss (%)	Description of Damage to Sample	Final Cycle	Salt Attack Resistance Grade AS/NZS 4455.1-2008
Sodium Chloride (NaCl)	A1	2.5381	0.98	0.77	Pitting	15	Exposure
	B1	2.3429	0.90		Pitting	15	
	C1	1.9436	0.76		Pitting	15	
	D1	1.4561	0.55		Pitting	15	
	E1	1.7780	0.68		Exfoliation	15	
Sodium Sulfate (Na ₂ SO ₄)	A2	1.1241	0.43	0.31	Cracking	15	Exposure
	B2	0.8031	0.31		-	15	
	C2	0.8200	0.31		-	15	
	D2	0.6404	0.24		-	15	
	E2	0.6876	0.26		-	15	

Notes:

- Test results in this Test Report relate only to the samples tested.
- Samples submitted by the Client.
- This report replaces our lab Report issued on 31/10/22.

J.Liu
9th November 2022

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