

TEST REPORT

TEST SUMMARY

Objective

Assessment of supplied sample to AS/NZS 4548.5

Project

Evaluation of Emer-Clad Façade Satin to AS/NZS 4548.5

Report Number

263 AS/NZS 4548.5

Customer

NAME	Parchem Construction Supplies Pty Ltd
ADDRESS	1956 Dandenong Rd Clayton VIC 3168
CONTACT PERSON	Phil Jones
EMAIL	Phil.jones@fosroc.co.nz
MOBILE	+64 21833216

Name of test material

Emer-Clad Façade Satin

Description of test material

Emer-Clad Façade Satin

Date of receipt of test material

25/08/2023

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Laboratories"*

Report number	Issue Date	Expiry Date
263 AS/NZS 4548.5	14/11/2023	14/11/2026

TEST REPORT

Testing Facility and Location

NAME	XTec Gen Pty Ltd
ADDRESS	30-32 Park Avenue Woodville North 5012
ABN	22634729294

LIMITATION

The test results reported here relate only to the items tested.

CUSTOMER SUPPLIED INFORMATION & DATA

2 coats at 250microns

TERMS AND CONDITIONS

This report is issued in accordance with the Terms and Conditions as detailed and agreed in the *XTecGen Test Request and Sample Submission Form*.

SIGNATORIES



Author

Eric Scardigno

Laboratory Manager



Reviewer

Philip Scardigno

Managing Director

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TEST REPORT

SUMMARY OF TESTS

AS4858 Requirements:

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA
†Crack Bridging Ability	AS/NZS 4548.5	12.94	AS/NZS 4548.5 Appendix F F5 Static Test

† XTecGen Laboratory was not NATA accredited for at time of testing.

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Report number	Issue Date	Expiry Date
263 AS/NZS 4548.5	14/11/2023	14/11/2026

TEST REPORT

Crack Bridging Ability

Date of test: 20/10/2023

Testing: Test carried out in accordance with AS/NZS 4548.5.

Additions, deviations and/or exclusions from AS/NZS 4548.5: Nil

Test Parameters:

PARAMETER	VALUE
Environment and Conditioning Date	13/10/2023-20/10/2023
Ambient temperature	23.1-24.4°C
Ambient humidity	49.3-52.1%
Ambient temperature (testing)	25.1°C
Ambient humidity (testing)	31.1% RH
Accuracy grading of test machine	A
Elongation measurement type:	Electronic internal measurement
Method of preparation of specimens	Cast
Clamping device:	Pneumatic jaws
Total curing	14 days
Testing speed:	0.5 mm/min
Type of cement sheet used	Fibre cement sheet 100mm * 50mm

Test Results:

Replicate	Fibre cement sheet Thickness (mm)	Crack width (mm)	Film thickness (mm)	Crack bridging ability
1	4.913	1.62	0.013	12.462
2	4.777	3.32	0.303	10.957
3	4.747	3.19	0.207	15.411
Mean	4.81	2.71	0.17	12.94
Std Deviation	0.09	0.95	0.15	2.27

Results: 12.94

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