

# TEST REPORT

## TEST SUMMARY

### Objective

*Assessment of supplied sample to AS/NZS 4548.5*

### Project

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

### Report Number

262 AS/NZS 4548.5

### Customer

NAME	Parchem Construction Supplies Pty Ltd
ADDRESS	1956 Dandenong Rd Clayton VIC 3168
CONTACT PERSON	Phil Jones
EMAIL	<a href="mailto:Phil.jones@fosroc.co.nz">Phil.jones@fosroc.co.nz</a>
MOBILE	+64 21833216

### Name of test material

Emer-Clad Façade Matt

### Description of test material

Emer-Clad Façade Matt

### Date of receipt of test material

25/08/2023

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Laboratories"*

Report number	Issue Date	Expiry Date
<b>262 AS/NZS 4548.5</b>	<b>14/11/2023</b>	<b>14/11/2026</b>

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## 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 250 microns

## 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



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Author

*Eric Scardigno*

*Laboratory Manager*



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Reviewer

*Philip Scardigno*

*Laboratory Manager*

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Accredited for compliance with ISO/IEC 17025 – Testing  
20678

## SUMMARY OF TESTS

AS4858 Requirements:

PROPERTY	METHOD	RESULT	ASSESSMENT CRITERIA
†Crack Bridging Ability	AS/NZS 4548.5	6.17	AS/NZS 4548.5 Appendix F F5 Static Test

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

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## 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 to 20/10/2023
Ambient temperature	23.1-24.4°C
Ambient humidity	49.3-52.1% RH
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	4.943	2.12	0.285	7.438
2	4.815	0.90	0.289	3.114
3	4.845	3.25	0.408	7.965
Mean	4.87	2.09	0.33	6.17
Std Deviation	0.07	1.18	0.07	2.66

**Results: 6.17**

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