

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

TEST SUMMARY

Objective

Assessment of supplied system to AS ISO 13007.2

Project

Evaluation of Actflex Bioset to AS ISO 13007.2

Report Number

571-2 AS ISO 13007.2

Customer

NAME	Forspec Protective Coatings
ADDRESS	22/872 Canterbury Road, Roselands NSW 2196
CONTACT PERSON	James Gilto
EMAIL	James@forspec.com.au
MOBILE	02 8021 3517

Name of test material

Actflex Bioset

Description of test material

Grey Tile Adhesive

Date of receipt of test material

18/02/2026

*"This report shall not be reproduced except in full without prior approval of XTec Gen
Laboratories"*

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

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

N/A

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

A handwritten signature in black ink, appearing to be "R Scardigno".

Author

Ruby Scardigno

Head Laboratory Technician

A handwritten signature in black ink, appearing to be "E Scardigno".

Reviewer

Eric Scardigno

Laboratory Manager

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Test Summary:

AS ISO 13007.2 Requirements:

Fundamental Characteristics (C):

Characteristics	METHOD	RESULT	Requirement	ASSESSMENT
Initial tensile adhesion strength	4.4.4.2	2.194N/mm ²	C1: ≥0.5 N/mm ² C2: ≥1.0 N/mm ²	C2
Initial tensile adhesion strength after water contact	4.4.4.3	1.453N/mm ²	C1: ≥0.5 N/mm ² C2: ≥1.0 N/mm ²	C2
Initial tensile adhesion strength after heat ageing	4.4.4.4	1.771N/mm ²	C1: ≥0.5 N/mm ² C2: ≥1.0 N/mm ²	C2
Initial tensile adhesion strength after freeze thaw	4.4.4.5	1.449N/mm ²	C1: ≥0.5 N/mm ² C2: ≥1.0 N/mm ²	C2
Open time: Initial tensile adhesion strength After not less than 20 min.	4.1	0.856N/mm ²	≥0.5 N/mm ²	PASS

Special Characteristics (C):

Characteristics	METHOD	RESULT	Requirement	ASSESSMENT
Transverse Deformation	4.5.	3.270	S1: ≥2.5mm, ≤5mm S2: ≥5mm	S1

Classification and designation of liquid-applied waterproofing membrane:

Symbol		Description
Type	Class	Cementitious adhesive with improved characteristics, deformable adhesive
C	C2 S1	

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number
571-2 AS ISO 13007.2

Issue Date
06/05/2026

Expiry Date
06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Initial Tensile Adhesion Strength

Testing:

Test carried out in accordance with AS ISO 13007.2 4.4.4.2

Additions, deviations and/or exclusions from AS ISO 13007.2 4.4.4.2:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning) 28 days	23.2-24.4°C
Ambient temperature (testing)	23.6°C
Ambient humidity (testing)	49.7% RH

Test Results:

Test Date: 31/03/2026

	Width	Length	Area	N/mm ²	Failure Mode
Mean	50mm	50mm	2500mm ²	2.194	CF-A

Failure Mode: CF-A

Classification: C2 ≥ 1.0 N/mm²

Result: **2.194N/mm²** PASS

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Tensile Adhesion Strength After Water Contact

Testing:

Test carried out in accordance with AS ISO 13007.2 4.4.4.3

Additions, deviations and/or exclusions from AS ISO 13007.2 4.4.4.3:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning) 7 days	23.2-23.9 °C
Water Contact (20 days)	23 °C
Ambient temperature (testing)	23.6 °C
Ambient humidity (testing)	49.7% RH

Test Results:

Test Date: 31/03/2026

	Width	Length	Area	N/mm ²	Failure Mode
Mean	50mm	50mm	2500mm ²	1.453	CF-A

Failure Mode: CF-A

Classification: C2 ≥ 1.0 N/mm²

Result: **1.453N/mm²** **PASS**

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Tensile Adhesion Strength After Heat Ageing

Testing:

Test carried out in accordance with AS ISO 13007.2 4.4.4.4

Additions, deviations and/or exclusions from AS ISO 13007.2 4.4.4.4:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning) 14 days	22.7-23.9
Heat Ageing (conditioning) 14 days	70 °C
Ambient temperature (testing)	23.2 °C
Ambient humidity (testing)	48.8%RH

Test Results:

Test Date: 2/04/2026

	Width	Length	Area	N/mm ²	Failure Mode
Mean	50mm	50mm	2500mm ²	1.771	CF-A

Failure Mode: CF-A

Classification: C2 ≥ 1.0 N/mm²

Result: **1.771N/mm² PASS**

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Tensile Adhesion Strength After Freeze – Thaw Cycles

Testing:

Test carried out in accordance with AS ISO 13007.2 4.4.4.5

Additions, deviations and/or exclusions from AS ISO 13007.2 4.4.4.5:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning) 7 days	23.2-23.9 °C
Water Immersion (conditioning) 21 days	23 °C
Freeze/Thaw cycles (25 cycles)	-15.3 / -12.8 °C
Ambient temperature (testing)	23.3 °C
Ambient humidity (testing)	46.5%RH

Test Results:

Test Date: 23/04/2026

	Width	Length	Area	N/mm ²	Failure Mode
Mean	50mm	50mm	2500mm ²	1.449	CF-A

Failure Mode: CF-A

Classification: C2 ≥ 1.0 N/mm²

Result: **1.449N/mm²** PASS

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Tensile Adhesion Strength After Open Time

Testing:

Test carried out in accordance with AS ISO 13007.2 4.4.4.1

Additions, deviations and/or exclusions from AS ISO 13007.2 4.4.4.1:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning)	22.3-24.2°C
Ambient Temperature (testing)	23.2 °C
Ambient Humidity (testing)	48.8%RH

Test Results:

Test Date: 2/04/2026

	Width	Length	Area	N/mm ²	Failure Mode
Mean	50mm	50mm	2500mm ²	0.856	AF-T

Failure Mode: AF-T

Classification: C1 ≥ 0.5 N/mm²

Result: **0.856N/mm²** **PASS**

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

Determination of Transverse Deformation

Testing:

Test carried out in accordance with AS ISO 13007.2 4.2

Additions, deviations and/or exclusions from AS ISO 13007.2 4.2:

Nil

Sample Preparation:

PARAMETER	VALUE
Ambient Temperature (conditioning)	22.3-24.2°C
Ambient Temperature (testing)	23.6°C
Ambient Humidity (testing)	50.6%

Test Results:

Test Date: 30/03/2026

Replicate	Deformation (mm)
1	3.410
2	2.700
3	3.700
Mean	3.270

Classification: S1: $\geq 2.5\text{mm}$, $\leq 5\text{mm}$

Result: **3.270mm** **PASS**

"This report shall not be reproduced except in full without prior approval of XTec Gen Laboratories"

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029

TEST REPORT



Accredited for compliance with ISO/IEC 17025 – Testing
20678

END OF REPORT

*"This report shall not be reproduced except in full without prior approval of XTec Gen
Laboratories"*

Report number	Issue Date	Expiry Date
571-2 AS ISO 13007.2	06/05/2026	06/05/2029