VIPAC

Engineers & Scientists

Leading Engineering
Qualification Testing
Services Australia



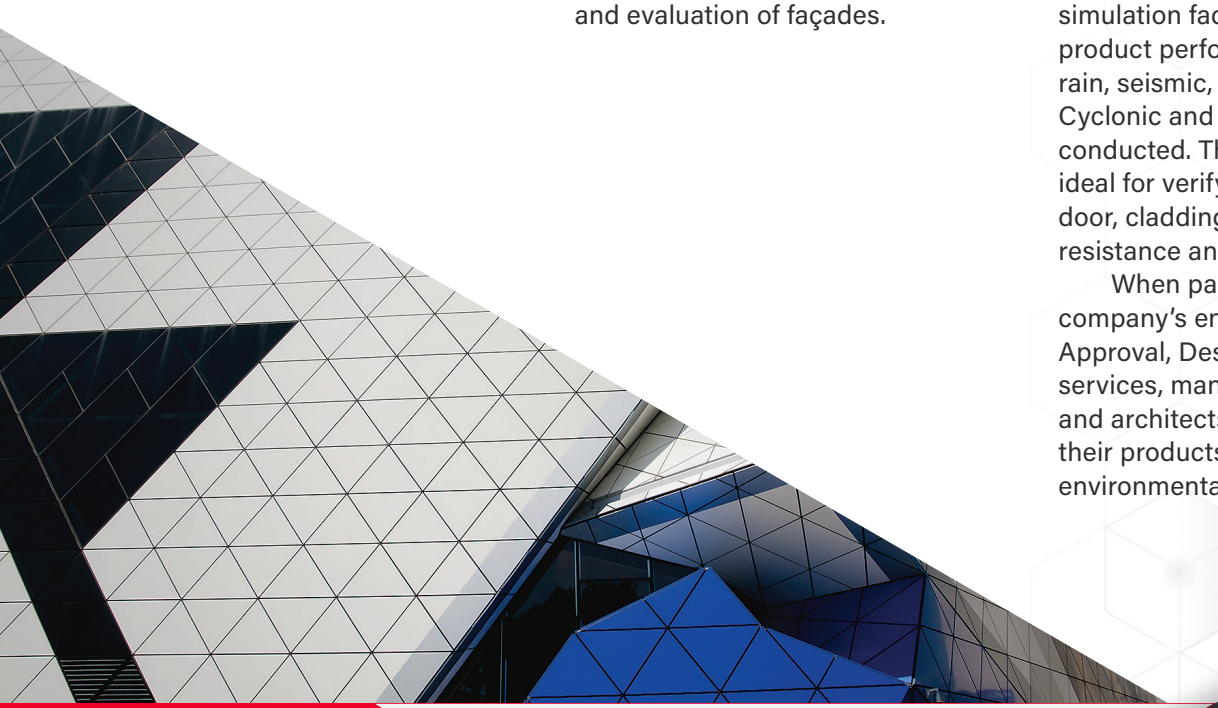
Façades Testing

Established in 1973, Vipac Engineers & Scientists has organically grown to become one of Australia's leading engineering testing laboratories and consultancies. Proudly Australian owned and operated, the company specialises in the testing, verification, and evaluation of façades.

Façade and building envelope testing by Vipac includes **NATA-endorsed AAMA 501.2 field water spray testing** (NCC FP1.4 / F3P1 compliance), flood testing (controlled water), and water leakage testing.

The company offers full-scale simulation facilities to test building product performance under wind, rain, seismic, and debris loads. Cyclonic and impact testing is also conducted. These services are ideal for verifying façade, window, door, cladding, or roof system water resistance and structural integrity.

When paired with the company's entire range of Building Approval, Design, and Construction services, manufactures, developers, and architects may be confident their products meet regulatory and environmental requirements.



1300 847 222

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Proudly Australian owned & operated since 1973.

ilac-MRA

NATA
Accreditation No. 676

Notable Procedures

- AAMA 501.2
- ASTM E72 / E72-10
- AS/NZS 4284
- AS/NZS 1170.2
- AS/NZS 1170
- AS/NZS 4420.1
- AS 2047
- AS 1562 / AS 4040.1-3
- AS 4994.1
- NCC FV1.1 / FV1.2

Qualifications & Certifications

- BSI ISO 45001, ISO 9001, and ISO 14001

Laboratory Performance Testing

Testing to recognised Australian and international standards, including:

- Prototype evaluation.
- Test program development.
- Design optimisation.
- Verification testing following design changes.
- **AS/NZS 4284 Testing of Building Façades.**
- NCC weatherproofing testing.
- Structural wind loading, concentrated loading, and façade pressure testing.
- Façade elements acoustic performance evaluation.
- Deflection, operating force, air infiltration, and water penetration tests.
- Structural tests at Serviceability Limit State (SLS) and Ultimate Limit State (ULS).
- Cladding, window, door, and panel testing.

On-site Performance Verification

Servicing Melbourne and surrounds:

- NATA-endorsed **AAMA 501.2 Field Water Spray Testing** (NCC FP1.4/F3P1 Compliance).
- Flood testing (controlled water).
- Water leakage testing.
- Wall and floor acoustic performance testing (NCC or Green Star).
- Diagnostic investigations.
- Post-remediation verification testing.
- Interpretation of test results.
- Performance improvement recommendations.
- Product modification support.
- Building envelope performance advice.
- NCC compliance assessments.
- NATA-endorsed test reports.
- Witness testing.

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