



ASX Release | ClearVue Technologies Limited (ASX: CPV)

ClearVue's curtain wall product successfully tested to AS/NZS 4284-2008:

ClearVue can now sell its high-tech solar curtain wall in Australia and NZ

Highlights

- ClearVue completes testing of solar window curtain wall to Australian and New Zealand Standards AS/NZS 4284:2008
- ClearVue now able to sell its high-tech curtain wall technology in Australia and New Zealand
- AS/NZS 4284:2008 is the minimum specification required for curtain wall products to be used and sold in Australia and New Zealand
- Tests undertaken to verify product performance and conformance to the AU/NZ standards included structural testing; air infiltration testing; water penetration testing; and strength testing
- Curtain wall conformance builds on ClearVue's recent successful testing for its solar glass windows and further advances ClearVue's commercialisation milestones
- ClearVue has recently commenced similar standards testing for its products for the US market

20 August 2018: Smart building material company ClearVue Technologies Limited (ASX:CPV) ("**ClearVue**" or "**the Company**") is pleased to announce the further advancement in its commercialisation process with its solar window curtain wall technology tested as compliant to Australian and New Zealand Standards AS/NZS 4284:2008.

AS/NZS 4284:2008 is the mandatory minimum specification for glass curtain walls used and sold in Australia and New Zealand. Standards testing – which took place at industry test laboratories, Intertek – is a key requirement for the commercialisation of the solar window curtain wall product in the Australian and New Zealand markets.

ClearVue Executive Chairman, Victor Rosenberg has said:

"The successful rigorous testing demonstrating compliance of the ClearVue curtain wall product against AS/NZS 4284:2008 for the Australian and New Zealand markets demonstrates the adaptability of ClearVue's IGU and means ClearVue can now supply its curtain wall for use in all of its upcoming demonstration sites, but more importantly ClearVue can now engage with customers in Australia and New Zealand for initial projects requiring a curtain wall solution – most modern mid to high-rise structures.

Completion of this successful testing for ClearVue's curtain wall for AU/NZ further confirms to investors that since our listing in May we are successfully meeting key tangible milestones in the commercialisation plan in our Prospectus."

As part of the standards testing under Australian and New Zealand Standards AS/NZS 4284:2008 the following tests were carried out on ClearVue's solar glass curtain wall:

- Preliminary tests – including initial positive and negative wind and static and cyclic water pressure tests;
- Structural testing (at serviceability limit);
- Air infiltration testing;
- Water penetration testing by static pressure followed by cyclic pressure testing;
- Strength testing (at ultimate limit); and
- Seismic testing was not conducted.

A glass curtain wall system is an outer covering of a building which is non-structural, designed to keep the weather out and permit maximum natural light penetration. Glass curtain walls are typically designed to span multiple floors, taking into consideration design requirements such as: resisting air and water infiltration; diverting water away from a building; compensate for thermal expansion and contraction, building sway, movement and forces acting on a building; withstand wind loads; support their own dead load weight forces; provide thermal efficiency for cost-effective heating, cooling, and lighting in a building.



ClearVue's curtain wall standards compliance builds on ClearVue's recent compliance testing for its solar glass windows and further advances ClearVue's commercialisation milestones. To date, the Company has arranged two high-profile pilot projects, implementing solar glass within a self-sustaining glass greenhouse, as well as permitting the solar PV technology to be used in a prototype micro-home, to be constructed by Mirreco. With the completion of Australian and New Zealand Standards testing for its curtain wall product, ClearVue can now investigate the potential of further pilot programs, implementing curtain walls.

US standards testing of solar glass technology commenced

The Company is pleased to announce that it has also commenced its US standards testing of its solar glass technology in the United States. It is expected that testing will take around 6 months.

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About ClearVue Technologies Limited

ClearVue Technologies Limited (ASX: CPV) is an Australian technology company that operates in the Building Integrated Photovoltaic (BPIV) sector which involves the integration of solar technology into building and agricultural industries, specifically glass and building surfaces, to provide renewable energy. ClearVue has developed advanced glass technology that aims to preserve glass transparency to maintain building aesthetics whilst generating electricity.

Solar PV cells are incorporated around the edges of an Insulated Glass Unit (IGU) used in windows and the lamination interlayer between the glass in the IGU incorporates ClearVue's patented proprietary nano and micro particles, as well as its spectral selective coating on the rear external surface of the IGU.

ClearVue's window technology has application for use in the building and construction and agricultural industries (amongst others).

ClearVue has worked closely with leading experts from the Electron Science Research Institute, Edith Cowan University (ECU) in Perth, Western Australia to develop the technology.

To learn more please visit: www.clearvuepv.com

Forward Looking Statements

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices or potential growth of ClearVue Technologies Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.