

EVERGREEN WALLS

**Commitment to
Fire Safe Products**
in Australia

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About Us

As Australia's number one greenery expert Evergreen Walls manufacture and supply artificial green wall panels and systems used for external facades, internal walls and even ceilings.

At Evergreen Walls, we've worked hard to create a solution that allows you to readily add beautiful greenery to any space. Our artificial wall gardens are a great way to provide some additional life to any wall - be it a home or commercial space, both internal and external.

Evergreen Walls also takes safety very seriously. As well as warranties on all of our products, we have sought to attain a formal fire certification so that architects, builders and specifiers can be confident that the decorative products they select are compliant and safe to use.

Our flagship product has been tested in accordance with AS ISO 9705 - 2003 and AS 5637.1:2015.

Our artificial green wall panels allow consumers, designers and building professionals to install greenery in a wide range of locations that don't necessarily lend themselves to natural plant growth or maintenance.

With clients all over the world, our innovative green walls systems are available locally and internationally through a significant distribution footprint. Evergreen Walls is an agile and professional business that works to add value by solving defined client needs and project requirements.



Our Fire Rating

Test Measurement

The National Construction Code of Australia and **AS 5637.1:2015** allow the classification of materials by Group Number, which indicates the amount of time taken for the material being tested to reach flashover under **AS ISO 9705 - 2003** test conditions. The NCC and **AS 5637.1:2015** define flashover to be a Heat Release Rate of **1 MW**.

The NCC and **AS 5637.1:2015** also define the smoke growth rate index, or SMOGRA, as a quantity which may be obtained from the smoke obscuration measurements obtained in the **AS ISO 9705** test.

Other metrics also measured in the test include:

- Heat flux measurements
- Volume flow rate measurements
- Heat release rate measurements
- Carbon monoxide production rates
- Carbon dioxide production rates
- Light obscuration measurements

Test Findings

The Evergreen Panel product subjected to the Reaction to Fire test achieved a formal **Group 2** certification, which is the second-highest Group Number under the NCC and **AS 5637.1:2015** scheme. The Evergreen Panel was thus deemed safe to install in residential and commercial buildings, anywhere other than a fire escape.





Evergreen Premium Panel Fire Test



Our Commitment

Fire safety has long been part of the Australian national psyche. Each summer, bushfires threaten communities across the country, and in winter, faulty and misused appliances cause devastation within the home. With recent tragedies like the Grenfell Tower fire in the UK and the Lacrosse building fire in Melbourne, another hazard has come to the fore of public attention - non-compliant cladding.

In December 2017, a special Victorian Cladding Taskforce identified 1400 buildings across the state that were at risk of fire due to combustible external materials.

It's never been more evident that architects, builders, developers, certifiers and specifiers have a unique responsibility in ensuring that the products they select will provide a safe living environment for the community. Recognising this, Evergreen Walls have become the first green wall company with a fire certified product in Australia, so these professionals can have certainty that the decorative products they choose don't only look great, but are also compliant and safe.

This brief guide will outline the importance of fire-safe products in Australia, the Evergreen Walls fire certification test and the specifications of our Evergreen Panel.

Fire Safe, No Excuses

The Evergreen Premium Panel - The only Group 2 Fire Rated Artificial Green Wall in Australia

Our signature Evergreen Premium Panel is an architecturally designed system with commercial grade materials making it the ultimate in artificial green walls.

The fire-rated foliage is installed to look like it's growing across the wall and is alive with elegant vibrancy. Relatively lightweight and easy to specify into any project - it's a dream for building designers and clients alike.

At Evergreen Walls, we've committed to supplying architects, builders and specifiers with a safe artificial green wall product they can be confident about.

Our signature Evergreen Panel has achieved an official Group 2 Fire Rating, after a full-scale fire test in accordance with Australian industry standards **AS ISO 9705-2003** and **AS 5637.1:2015**.

- Architecturally designed commercial-grade system
- UV injection-molded plants for long-lasting vibrant colours
- Fire Rated in accordance with Australian Industry Standards
- Black galvanised steel backing frame
- Unique modular system for easy installation
- Hand made, authentic realism
- Engineered to ensure the greenery pattern is not repeated
- Highest quality plants on the market











The Premium galvanised steel frame measures 900mm x 900mm, with approximately 50mm-100mm overhang of plants.

Group 2 Fire Rated Range

Evergreen Premium Panel

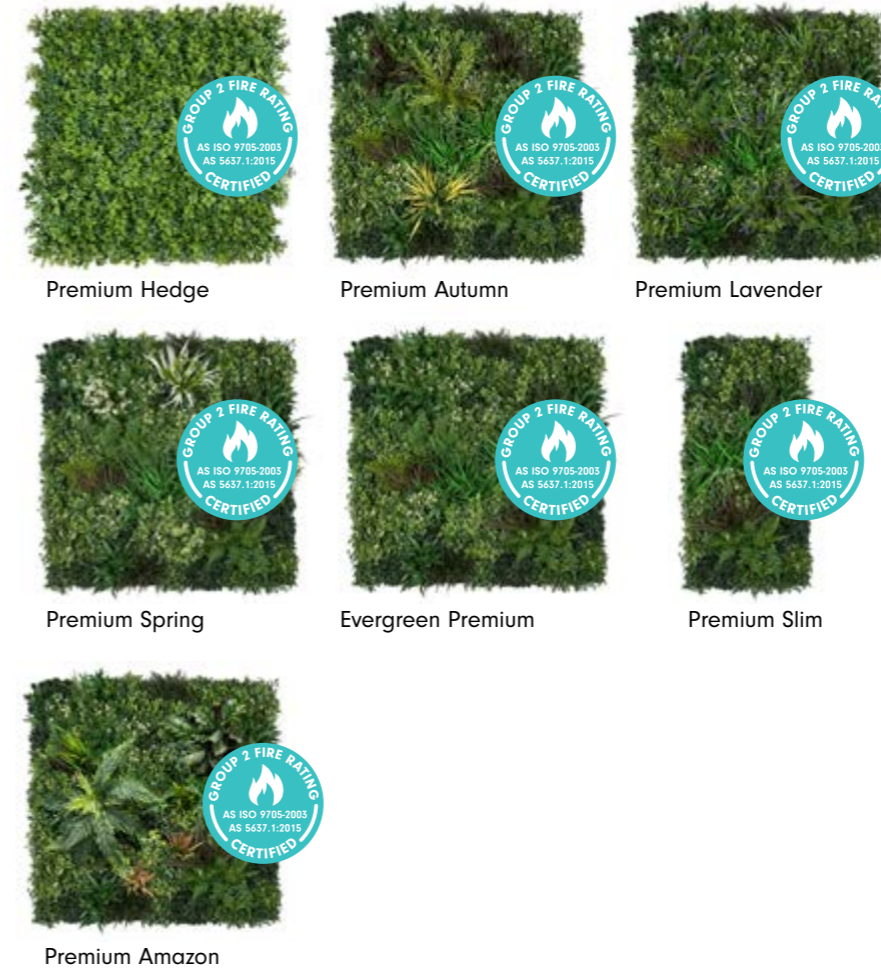
All premium panels are manufactured to with LDPE plants neatly fixed to the galvanised steel mesh grid using 3 black cable ties per plant. Plants are fixed facing upwards with an overhang on top, a small amount on the sides, and a minimal amount of overhang at the bottom. The Premium range comes with 4 stand-off fixings per panel.

Specifications

-  **Panel Dimensions:**
H900mm x W900mm / H900mm x W300mm
-  **Weight:** Approx 6kg or 3kg
-  **Fire Rated:** Yes, Group 2 Certified (AS ISO 9705-2003 and AS 5637.1:2015)
-  **UV Rated:** Yes, suitable for indoor and outdoor use
-  **Warranty:** 4 years
-  **Foliage composition:** 12 different types of UV and fire treated plants. Each panel is hand-made and unique to ensure pattern is not repeated.
-  **Style Packs:** Each style comes with a separate set of curated plants for personal positioning
-  **Backing:** 3mm galvanized steel frame powder coated black
-  **Fixings:** 4 x custom stand-off fixings supplied with each panel
-  **Installation:** Stand off fixings supplied with each panel. Installation Instructions: evergreenwalls.com.au/installation-guide



Evergreen Premium Range



Premium Hedge

Premium Autumn

Premium Lavender

Premium Spring

Evergreen Premium

Premium Slim

Premium Amazon

Installation Services

Evergreen Walls aim to bring show-stopping greenery to spaces where it's not normally possible; and our install team can achieve your desired look either at your home, business, or commercial project. We can help with design, advise on the best solution, quote on access and provide an end-to-end project management service. [Get in touch today for more info](#)

Shop the Range:

evergreenwalls.myshopify.com/collections/premium

Get a Quote:

evergreenwalls.com.au/request-a-quote

View Recent Project:

www.evergreenwalls.com.au/portfolio

CAD files & Draft Designs

Did you know we can supply Architects CAD files and draft designs for residential projects and commercial tenders? [Get in touch today for more info](#)

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