



Wilkins Windows

Family Run and Owned Manufacturing Business

SPECIALISING IN:

Heritage Windows & Doors

Double Glazed windows

Noise & Thermal Insulation

Bifold Doors & Shopfronts

Email: sales@wilkinswindows.com.au

March 2016

12 Harris Street

St. Marys, NSW 2760

Ph: (02) 9833 7743

(02) 9833 2993

Fax (02) 9833 7745

www.wilkinswindows.com.au

Considering getting aluminium windows?

Why not consider UPVC double glazed windows instead? There are a number of differences between the 2 types of windows, find out more on why UPVC might be better for your home.

uPVC was first used broadly during and after World War II to meet many of the critical infrastructure and safety needs of that time. uPVC blends many attributes of traditional materials with the advanced performance characteristics of today's - and tomorrow's - building products. Durability, light weight, solid environmental and fire characteristics, versatility and low maintenance requirements are just a few of the properties that have propelled the growing use of uPVC. In recent years, the use of un-plasticized Polyvinyl Chloride or uPVC has grown hugely in popularity and is now one of the most recommended and most widely chosen materials.

Benefits

uPVC insulated window frames are specifically designed to incorporate insulated double glazing

uPVC needs virtually no maintenance and normally has a long life span

uPVC is engineered to handle severe weather

uPVC has 57% salt content so is ideal in coastal areas

Fusion welded construction eliminates drafts and water leaks

Various glass combinations, combined with the uPVC frame significantly reduce outside noise

Value For Money

One of the factors considered will inevitably be the cost of the materials and this will probably influence decisions one way or the other. When it comes to pricings, however, uPVC is usually a cost competitive material. This is far from uPVC's greatest attraction, but its relative cost effectiveness is certainly a bonus that makes a difference.

Low Maintenance

Another hugely appealing feature of uPVC is that it is remarkably low maintenance.

Aluminium is resilient, but still needs attention every now and then.

On the other hand, uPVC never rots, flakes, rusts or fades. Apart from a quick wipe with a cloth to keep it clean, uPVC requires virtually no maintenance making it very convenient and time-saving.

Durability

Durability is a definite advantage of UPVC material. Unlike aluminum, UPVC windows will not pick up rust and will not fade over time.

Aluminium is a highly resilient material but still needs maintenance every once in awhile. UPVC is one of the most durable of the materials available, Aluminum is easy to bend and dent. As a result, if not carefully treated, aluminum windows get dents and lose their exact shape making it harder to open and shut the windows. Unplasticized Polyvinyl Chloride is also the most durable of the materials available. In general, modern technology UPVC windows are expected to last about 30-40 years, while lifespan of aluminum clad ones (aluminum over wood) is about half less and doesn't exceed 15-20 years.

Security

Due to its resilient and robustness, uPVC is very reliable and trustworthy when it comes to security. Their frames are constructed to the utmost hardness making it extremely difficult to break through or damage. uPVC is considered to be almost totally burglar-proof due to its strength.

Insulation/Sound Proofing

Insulation is another feature of the uPVC material that surpasses aluminium. uPVC was created to be a very competent insulator and provides the best heat, energy and sound insulation available. It is a very good insulator compared to the alternative of aluminium and this ability to keep heat in and sound out is largely responsible for its popularity.

Energy Efficiency

UPVC windows have long been popular with home owners because of their energy efficiency. UPVC has a high thermal resistance providing an effective barrier between the inside and outside of your home. UPVC's high thermal resistance helps save money on heating and cooling costs. In contrast, aluminum's poor thermal resistance makes heating and cooling a house more expensive.

UPVC – The better choice for windows

ALUMINIUM

- *Poor insulator*
- *Allows condensation to form*
- *Pits, corrodes, dents and scratches*
- *Most frames & sash are usually fastened with screws that may loosen.*
- *Painted windows may chip & scratch.*

VS

UPVC

- *Excellent Insulator*
- *Reduces air infiltration, will not shrink or warp*
- *Easy to clean, low maintenance*
- *Durable, no pitting, peeling, rotting, corroding*
- *Ease of operation*
- *Custom size opening*

Australian Window Association (Extract)



Your guarantee of performance

uPVC Sector

uPVC windows, commonly referred to as vinyl windows, are relative newcomers to Australia. An 'unplasticised' form of PVC, these sturdy window frames have been popular in Europe and America for many years owing to their durability and low maintenance. UPVC windows can withstand extremes of heat, cold, wind, rain and snow without corroding, peeling, chipping or flaking.

Considered an energy efficient choice, uPVC windows have similar thermal properties to timber. UPVC limits the transfer of heat and cold through the frame and as a result can reduce reliance on heaters and air conditioners. These frames can also be filled with foam insulation to further improve thermal performance.

uPVC is a flame retardant material commonly used in fire risk areas. uPVC frames are a self extinguishable material that does not support combustion.

uPVC can be found in a number of window products, including a variety of traditional window styles: single, double and triple hung windows, sliding, casement and awning windows, picture, bay, bow and garden windows, sliding doors and French door systems. uPVC windows can also be found in such shapes as arches, ellipticals, eyebrows, gothic, trapezoids, rounds and half rounds, octagons, circles, ovals and half-ovals.

Quality uPVC profiles will keep their colour even under exposure to extreme temperature or weathering.

uPVC windows and glass doors are constructed in much the same way as aluminium or timber windows, but with a chambered uPVC extrusion forming the frame and glass sash, providing energy efficiency, durability and low maintenance.

END OF AWA EXTRACT

UPVC VS. ALUMINUM WINDOWS: WHICH ONES TO CHOOSE?

Wilkins Windows recommends the use of uPVC windows and doors as the superior choice for your window and door requirements. We use and recommend REHAU uPVC products which are manufactured in Germany to the highest quality standards.

Wilkins Windows are members of the AUSTRALIAN WINDOW ASSOCIATION (AWA) and the VINYL COUNCIL OF AUSTRALIA.



WILKINS WINDOWS WARRANTY

3 Month Guarantee against defects.

- **10 Year Guarantee** against faulty uPVC Product.
- **6 Year Guarantee** on manufacturing.
- **5 Year Guarantee** on double glazed units.
- **6 Year Guarantee** if installed by Wilkins Windows.
- **5 Year Guarantee** on Hardware.

Wilkins Windows Pty Ltd

BL 104995C

ABN 21 087 350 212



Chris Carroll
General Manager
Wilkins Windows

P: 612 9833 2993

F: 612 9833 7745

M: + 61 (0)417 675 383

E: chris@wilkinswindows.com.au

www.wilkinswindows.com.au

12 Harris St, St Marys NSW 2760