



Weatherall Windows

uPVC Framed Double Glazed Windows and Doors



“Helping to create a comfortable and peaceful home”

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www.weatherallwindows.com.au

Benefits of uPVC

Tough and durable

Profiles are manufactured to the highest standards using a formulation specially designed to combat the harsh Australian climate. It also includes a high impact modifier to withstand cold weather and a UV light resistant pigment to maintain colour and appearance for years to come. It is this formulation which prevents the uPVC from degrading, bending, warping or losing colour. Structural strength is enhanced through the use of galvanised steel reinforcement through the internal chambers of the profile. Years of engineering experience mean that you can have total confidence in the durability and longevity of the window frames without having to cover the high costs of maintenance.

Low maintenance

Upvc windows and doors do not need painting or sealing and are easily cleaned using water and detergent.

Corrosion and rot resistant

uPVC window and doors will not corrode, rot or suffer from salt erosion so they are ideal for coastal properties

Thermal Insulation

uPVC is non-conductive therefore it does not transfer heat or cold which helps to maintain a consistent internal temperature. Combined with double glazing makes a highly energy efficient window.

Sound Insulation

The multi-chambered fully welded design of the window and door frames and the use of twin rubber seals reduce the amount of noise that travels through the frames. Using various thicknesses of glass in the double glazed units reduces the noise transference by up to 45 decibels.

High security

Most of the windows and all doors that Weatherall Windows produce have multi point locking systems making them virtually burglar proof.

Bushfire Resistant

Double glazed uPVC windows are tested and compliant to BAL 29 requirements.

Recyclable

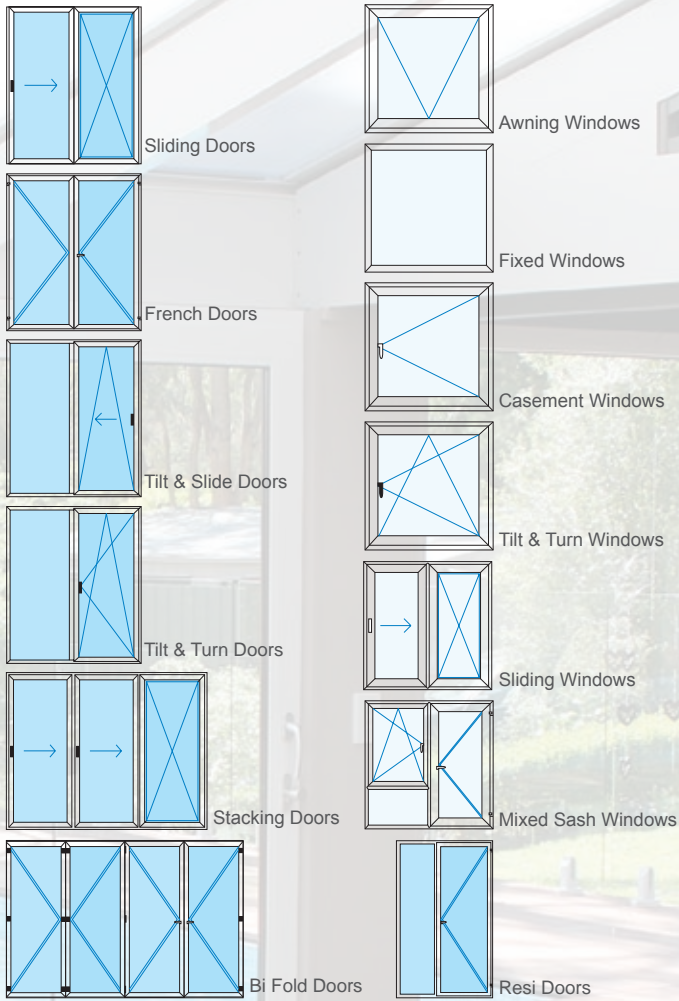
uPVC can be recycled up to 10 times.

Colours available

- White inside and out
- Oyster white inside and out
- Golden oak inside and out
- Golden oak outside / White inside
- Ceylon outside / White inside
- Silver outside / White inside



Range of Designs & Styles to Suit Any Home



Understanding sound around you:

| | |
|---|----------------|
| Threshold of pain | 134 dB |
| Jet engine 100 metres distance away | 110-140 dB |
| A car horn | 110 dB |
| Discotheque | approx. 100 dB |
| A lawnmower | 90 dB |
| Traffic noise on major road 10 metres distance away | 80-90 dB |
| TV set typical home level 1 metre distance away | approx. 60dB |
| Recommended max. sound level for working | 50 dB |
| Normal talking 1 metre distance away | 40-60 dB |
| Recommended max. sound level for sleeping | 30dB |
| A whisper | 15 dB |
| Near total silence | 0 dB |

Weatherall Windows System's soundproofing capability: up to 45dB

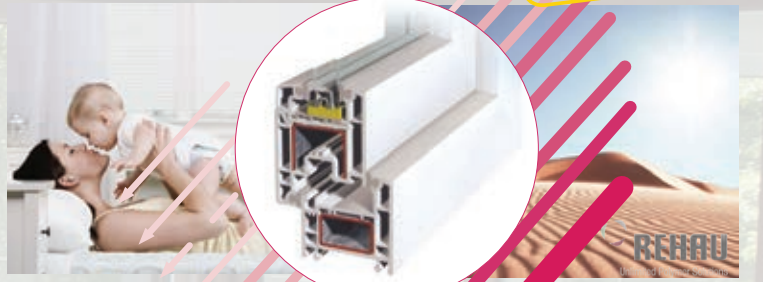
Energy-Saving Technology

Windows and doors made by Weatherall Windows can withstand wind loads as high as a category 4 cyclone (270-380 km/h), the corrosive effects of water, as well as heat and cold as experienced in the Sahara Desert and Arctic region.

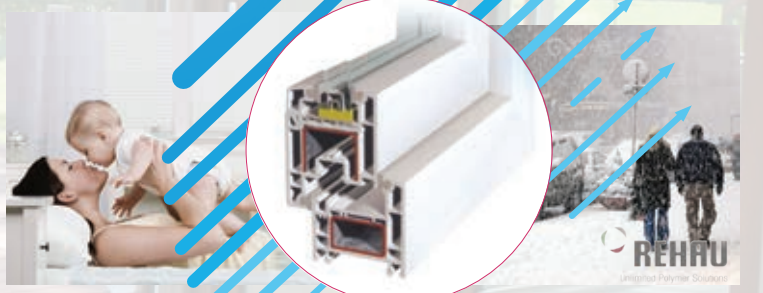
More significantly, it prevents the heat or cold outside from entering your home, thereby reducing your reliance on cooling and heating devices.

Energy savings of up to 20%

Prevents outside heat from entering through the windows:



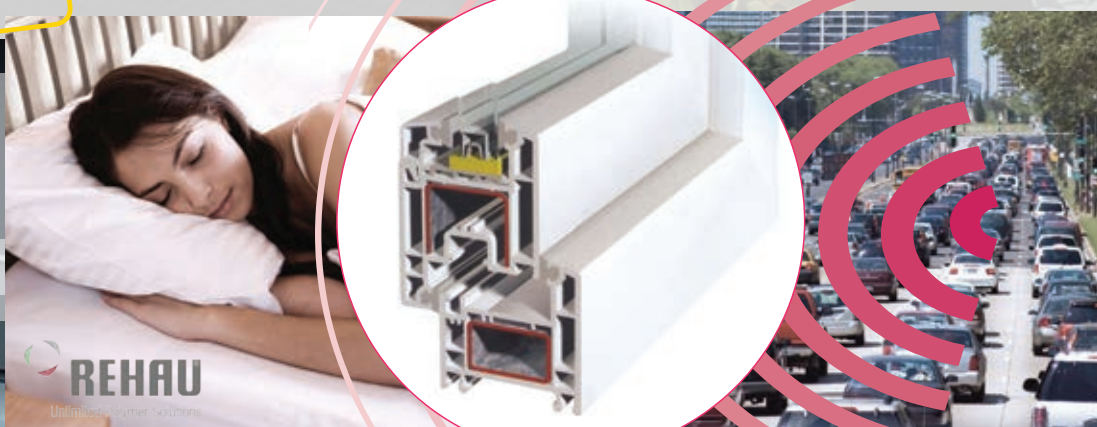
Prevents indoor warmth from escaping through the windows.



Tailor-made Noise Protection System

Weatherall Windows use a multi-chambered profile that creates multiple air pockets that effectively reduce sound transmission for the ultimate protection inside out and outside in. Weatherall Window Systems exceed the recommended sound-proofing level of 30 dB for sleeping in a residential area.

Recommended for sleeping: 30dB Soundproofing required: 30dB Noise level in residence: 60dB



REHAU
Ultimate Polymer Solutions



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Made in Melbourne!

Windows & Doors

- Hardwearing high impact uPVC
- Multipoint locking
- Weather & wind resistant
- Low maintenance
- Tested to Australian Building Codes
- Guaranteed to last
- European Design made in Australia
- Can reduce fuel bills by up to 20%
- Effectively reduces CO2 emissions
- 100% recyclable product



As Accredited Members of the Australian Window Association we are audited yearly to ensure that all our windows are manufactured to comply with Australian Window Standard **AS2047** and all Glass supplied exceeds the Glazing Standard **AS1288**.

| | Cooling Stars | Heating Stars | % Improvement | % Improvement | U Value | SHGC |
|---------------------------------|---------------|---------------|---------------|---------------|---------|------|
| 4/10/4 Double glazed Aluminium | ★★★★☆ | ★★★★★★★ | 44% | 65% | 3.6 | 0.54 |
| 4/16/4 Double Glazed uPVC | ★★★★★ | ★★★★★★★ | 58% | 72% | 2.6 | 0.42 |
| 4/16/4 low E Double Glazed uPVC | ★★★★★ | ★★★★★★★ | 62% | 77% | 1.8 | 0.41 |

U Value – The whole window U Value

SHGC – The whole window solar heat gain coefficient

Percentage Improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)

A positive percentage improvement figure indicates performance better than the base-case window

Annual Energy Performance (stars and % Improvement) calculated using Nationwide House Energy Rating Software (accurate) according to procedures of WERS 2006

Results disclosed at National Federation Rating Council (NFRC) regulations

Weatherall Windows

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