

helping  
architects and  
builders achieve  
energy ratings of  
up to 10-stars



... by making Australia's most energy efficient windows



## Tilt & Turn Windows

Since 1990, Paarhammer windows & doors have been setting the benchmark in energy efficiency in Australia.

The tilt and turn fittings are precision made in Germany and feature the flexibility of two opening positions (side opening casement or top opening hopper) operated with one handle. These fittings have several locking pins all around the window, which lock the sash into the frame to provide multi-point metal-to-metal security locking. This means that the energy saved through double or triple glazing is not lost through the frame.

New child safety rules in the National Construction Code can easily be accommodated by making the windows tilt only and thereby restricting the opening to 125mm. Only after a key is used to unlock the window can it then be opened sideways to the inside for easy cleaning.



Photo courtesy of Stonnington Design

### Glass & Glazing

In double glazing the airgap used is 16mm, whereas in triple glazing it is twice 12mm. Any glass combination is possible including I-glass or heat mirrors. Combined with superior frames, seals and craftsmanship this is how Paarhammer can achieve the lowest U-value of any window made in Australia. (WERS 0.8)

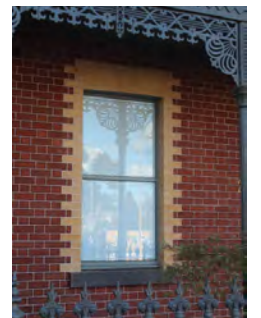
In addition to employing the latest energy saving technologies that achieve massive energy savings of up to 85%, Paarhammer windows can also deliver an astonishing noise reduction of up to 45dB. That is some 80-90% over conventional windows.

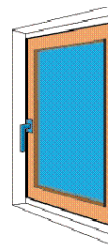


### Custom-made

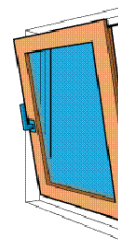
With virtually no limit to size and shape, the Paarhammer window and door system is adaptable to any wall and suitable for any style of building.

There are a variety of glazing and timbers to choose from, including FSC® (Forest Stewardship Council®) certified timbers. Products can be ordered sanded only or spray painted in a range of finishes and colours.

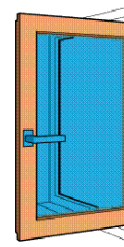




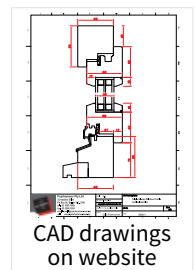
LOCK



TILT



OPEN



CAD drawings on website

Innovation is the hallmark of Paarhammer windows and doors. The company was the first to introduce bushfire safe windows and doors to Australia, and now offers a full suite for all bushfire levels including BAL-29, BAL-40, and BAL-FZ, without the need for shutters.

E-lock for home security systems, automated ventilation, in-glass venetians, outside shading options, etc available on request.

Outstanding quality, security features and design flexibility ensures architects, developers and home-owners achieve superior results.



**Key features:**

- Energy efficient
- Noise reduction
- Custom-made
- Sustainable timbers
- Australian made
- Quality workmanship

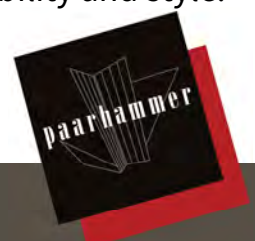


Paarhammer Pty Ltd				Cool	Heat	Total Window - AFRC			
Updated 29-Aug-2013				%	%	Uw	SHGC	Tvw	Aif Inf
Window ID	Glazing	Cooling Stars	Heating Stars						
<b>Tilt and Turn Window - Double Glazed</b>									
PAR-001-01	4/16/4	★★★★★	★★★★★★★	61%	72%	2.2	0.39	0.41	0.05
PAR-001-02	4/16Ar/4S500	★★★★★	★★★★★★★	65%	75%	1.8	0.37	0.39	0.05
PAR-001-03	4EG/16Ar/4S500	★★★★★	★★★★★★★	75%	66%	1.8	0.21	0.32	0.05
<b>Tilt and Turn Window - Triple Glazed</b>									
PAR-002-01	4/12/3/12/4	★★★★★	★★★★★★★	66%	75%	1.8	0.35	0.38	0.05
PAR-002-02	4/12Ar/4S500/12Ar/4S500	★★★★★	★★★★★★★	71%	76%	1.4	0.31	0.33	0.05
PAR-002-03	4EG/12Ar/3/12Ar/4S500	★★★★★	★★★★★★★	78%	67%	1.5	0.19	0.29	0.05
PAR-002-04	4SB70XL/12Ar/3/12Ar/4ET	★★★★★	★★★★★★★	84%	65%	1.3	0.13	0.28	0.05
PAR-002-05	4SB70XL/12Ar/3SB70XL/12Ar/4SB70XL	★★★★★	★★★★★★★	85%	65%	1.2	0.11	0.19	0.05
<b>Scandinavian Fir Fixed Window - Triple Glazed</b>									
PAR-009-01	4/12Ar/3/12Ar/4	★★★★	★★★★★★★	55%	65%	1.7	0.52	0.56	0.05
PAR-009-02	4PThrm/12Ar/3PThrm/12Ar/4PThrm	★★★★★	★★★★★★★	79%	58%	0.8	0.23	0.40	0.05
PAR-009-03	4SB70XL/12Ar/3SB70XL/12Ar/4SB70XL	★★★★★	★★★★★★★	83%	52%	0.9	0.16	0.28	0.05

We are committed to a sustainable future with architectural flexibility and style.

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no draft      no fire      no noise

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Building Practitioner

