

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



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



## Double Hung Windows

For 25 years, Paarhammer windows & doors have been setting the benchmark in energy efficiency in Australia.

Re-create the look of yesteryear with all the advantages of modern technology like extreme energy saving, high sound protection and increased security. Even for inner city terraces protected by covenants - where street appearance cannot change - turn to Paarhammer for the solution. You can create a quiet oasis where noise stays outside and drafts no longer exist.

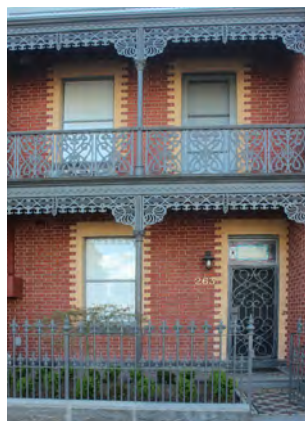
Made to order, Paarhammer look-alike double hung windows achieve up to 7.5 WERS energy stars in the WERS ratings, thereby offering energy savings of up to 85%. They are essentially tilt & turn windows using German hardware, offering two opening positions and metal-to-metal security locking. Child restrictions can be accommodated.



### Glass & Glazing

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

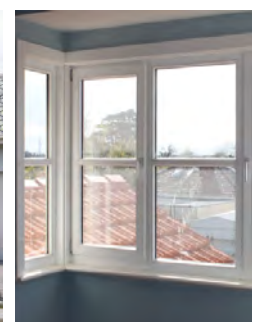
In addition to employing the latest energy saving technologies that achieve massive energy savings of up to 85%, Paarhammer windows can also deliver an astonishing noise reduction of up to 45dB. That is some 80-90% over conventional windows.



### Custom-made

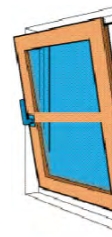
With virtually no limit to size and shape, the Paarhammer double hung window system is adaptable to any wall and suitable for any style of building.

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.

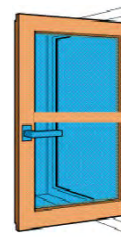




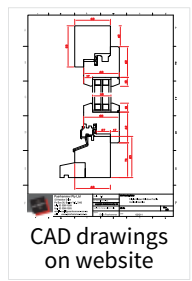
LOCK



TILT



OPEN



CAD drawings on website

The German tilt and turn fittings feature the flexibility of two opening positions (side opening casement or top opening hopper) operated with one handle. These fittings have several locking pins which lock the sash into the frame to provide security locking, thereby eliminating drafts and noise.

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

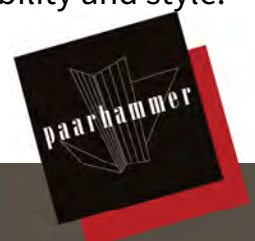


Paarhammer Pty Ltd					Cool	Heat	Total Window - AFRC			
Updated 29-Aug-2013					%	%	Uw	SHGC	Tvw	Aif Inf
Window ID	Glazing	Cooling Stars	Heating Stars							
<b>Tilt and Turn Window - Double Glazed</b>										
PAR-001-01	4/16/4	★★★★★	★★★★★★★	61%	72%	2.2	0.39	0.41	0.05	
PAR-001-02	4/16Ar/4S500	★★★★★	★★★★★★★	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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REGISTERED Building Practitioner



no draft      no fire      no noise

www.paarhammer.com.au