



Dowell  
**AWNING**  
WINDOW

**TECHNICAL**  
INFORMATION

NSW | VIC | SA | TAS

**DOWELL**



## Dowell AWNIING WINDOWS






The attractive appearance of the Dowell Awning Window is only the beginning of its quality, functionality and value. Every aspect of a Dowell Awning Window is manufactured to our exacting performance and style standards, from its smooth operation to elegantly-styled sashes.

### FEATURES

- Durable low-maintenance, easy-clean aluminium profiles.
- Integrated tubular mullions and transoms with concealed fixings for superior strength.
- Full width winder support for improved aesthetics.
- Solid extruded aluminium sash corner stakes.
- Patented continuous anti-rattle hook hinge system.
- Full perimeter sash seals for positive sealing.
- Moulded end gaskets at frame joints.
- Full length under-sill flap for neat finish and allowance for building settlement.
- Easy coupling to the Dowell range of windows and doors.
- Products available in Double Glazed configurations in some states.\*
- Fully integrated flyscreen support (as option).

### HARDWARE

- Options available, please consult your local sales representative for more information.

AWNIING WINDOW ENERGY PERFORMANCE					
<b>PRODUCT</b>	Standard Single Glazed	Standard Single Glazed	Standard Double Glazed Window	ThermaLine™ Double Glazed	ThermaLine™ Double Glazed
<b>WINDOW TYPE</b>	Awning	Awning	Awning	Awning	Awning
<b>GLASS OPTION</b>	3mm Clr.	6mm SP10 Clr.	3mm Clr. /12mm Arg. gas /3mm Clr.	4mm Clr. /12mm Arg. gas /4mm Clr.	LB Clr.SO. 5mm /10mm Arg. gas /5mm Clr.
<b>FRAME TYPE</b>	Standard Aluminium	Standard Aluminium	Standard Aluminium	ThermaLine™ Aluminium (with thermal-break)	ThermaLine™ Aluminium (with thermal-break)
<b>AIR INFILTRATION</b>	0.07	0.07	0.09	0.04	0.04
<b>HEATING (STARS)</b>	☆☆☆☆ 33%	★★★★★ 51%	★★★★★ 63%	★★★★★ 76%	★★★★★ 78%
<b>COOLING (STARS)</b>	★ 20%	☆☆☆ 39%	☆☆☆ 39%	★★★ 48%	★★★★ 60%
<b>*SHGC</b>	0.65	0.53	0.58	0.55	0.43
<b>U<sub>w</sub>-VALUE</b>	<b>6.5</b>	<b>4.8</b>	<b>3.9</b>	<b>2.6</b>	<b>1.9</b>

ACOUSTICS STC RATING FOR GLAZED WINDOWS	3 mm Float Glass - 10.5mm VLAM Hush Acoustic Glass
	<b>Acoustic Range from RW 30 - RW 36</b>

PERFORMANCE (Standard Range)	Non Cyclonic	Cyclonic
	<b>N1 - N5</b>	<b>C1 - C2</b>

### FLY, SECURITY AND BARRIER SCREEN OPTIONS

AWNIING WINDOW	610 - 3010 (Wide)
600 - 1457 (High)	F / S / B
AWNIING/FIXED WINDOW WITH TRASOM	610 - 3010 (Wide)
1800 - 2057 (High)	F / S / B

F = Fly Screen, S = Security Screen, B = Barrier Screen

### BUSH FIRE RATED

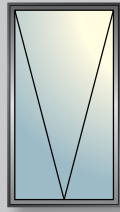
ATTACK LEVEL	BAL LOW	-	BAL - 40
WINDOW FRAME	Aluminium		Aluminium
WINDOW GLAZING	No special requirements.		6mm toughened glass.
HARDWARE	As Above		metal.

Note: BAL - 40 must include Full External Screening to comply.

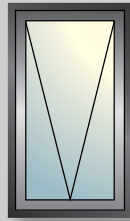
### HARDWARE OPTIONS

KEYED CHAINWINDER	RESTRICTED CHAINWINDER	FALL PREVENTION DEVICE (UPPER LEVELS)
Standard	Available	As Required

Note: Hardware options may vary from state to state, please consult your local sales representative or more information.



Awning window



Awning window with deluxe frame

AVAILABLE IN:  RESIDENTIAL |  RESIDENTIAL PLUS |  THERMALINE

Please refer to Dowell ThermoLine™ brochure for Dowell ThermoLine™ stud opening and frame sizes.

AWNING WINDOW (N1-N5)								803		883		
Stud Opening			670	910	1270	1510	1870	2110	2470	2710		
660	7	Bricks	2.5	3.5	5	6	7.5	8.5	10	11		
		Window	610	850	1210	1450	1810	2050	2410	2650		
920	10	857	AW0906	AW0909	AW0912	AW0915	AW0918	AW0921	AW0924	AW0927		
1090	12	1029	AW1006	AW1009	AW1012	AW1015	AW1018	AW1021	AW1024	AW1027		
1260	14	1200	AW1206	AW1209	AW1212 <sup>•</sup>	AW1215	AW1218	AW1221	AW1224	AW1227		
1435	16	1372	AW1406	AW1409	AW1412 <sup>•</sup>	AW1415	AW1418 <sup>•</sup>	AW1421 <sup>•</sup>	AW1424	AW1427		
1520	17	1457	AW1506	AW1509	AW1512 <sup>•</sup>	AW1515	AW1518 <sup>•</sup>	AW1521 <sup>•</sup>	AW1524	AW1527		
1860	21	1800	AW1806FH	AW1809FH	AW1812FH	AW1815FH	AW1818FH	AW1821FH	AW1824FH	AW1827FH		
2120	25	2057	AW2106FH <sup>+∞</sup>	AW2109FH <sup>+∞</sup>	-	AW2115FH <sup>+∞</sup>	AW2118FH <sup>+∞</sup>	-	AW2124FH <sup>+∞</sup>	AW2127FH <sup>+∞</sup>		
AWNING / FIXED WINDOW (N1-N3)												
1860	21	1800	AW1806	AW1809	AW1812 <sup>+</sup>	AW1815	AW1818	AW1821	AW1824	AW1827	a1200 / b600	
2120	25	2057	AW2106	AW2109 <sup>•</sup>	AW2112 <sup>•</sup>	AW2115	AW2118 <sup>•</sup>	AW2121 <sup>•</sup>	AW2124 <sup>•</sup>	AW2127 <sup>•</sup>	a1372 / b685	

**OPTION**

Fixed / Awning

Awning / Awning

All Awning

Flyscreens

Note: For higher wind rating, wind load graphs must be consulted. Standard sizes and colours are available on short lead times. Some sizes and special colours are subject to longer lead times. Please refer to your local sales office for confirmation. KEY: • = Not for N5 + = Not for N4 and N5 ∞ = Not available in Double Glazed.



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**DOWELL**   
Our builders **know best**

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