



Dowell
CASEMENT
WINDOW

TECHNICAL
INFORMATION

NSW | VIC | SA | TAS





Dowell CASEMENT WINDOWS

Manufactured to exacting standards of appearance and performance, the Dowell Casement Window is a classic design that beautifully complements both traditional and modern décor. All new Dowell Casement Windows are designed to maximise the opening window area and increase air flow through your home.

FEATURES

- Durable low maintenance, easy-clean aluminium profiles.
- Integrated tubular mullions and transoms with concealed fixing for superior strength.
- Full width winder support for improved aesthetics.
- Solid extruded aluminium sash corner stakes.
- Low E glazing option for increased energy efficiency.
- Sealed casement stays for improved durability and smooth operation.
- Full perimeter sash seals for positive sealing.
- Fully open sash position allows external glass cleaning from inside.
- Patented moulded end gaskets at all frame joints.
- Full length under-sill flap for neat finish and allowance for building settlement (optional).

CASEMENT WINDOW ENERGY PERFORMANCE

PRODUCT	Standard Single Glazed	Standard Single Glazed	Standard Single Glazed
	WINDOW TYPE	Casement	Casement
GLASS OPTION	3mm Clear	6mm SP10 Clear	6mm SP50 Grey
FRAME TYPE	Standard Aluminium	Standard Aluminium	Standard Aluminium
AIR INFILTRATION	0.07	0.07	0.07
HEATING (STARS)	☆☆☆☆ 33%	★★★★★ 51%	★★★★★ 37%
COOLING (STARS)	★ 20%	☆☆☆ 39%	☆☆☆☆ 55%
*SHGC	0.65	0.53	0.30
U _w -VALUE	6.5	4.8	4.8

ACOUSTICS STC RATING FOR GLAZED WINDOWS	3 mm Float Glass - 6.5mm VLAM Hush Acoustic Glass
	Acoustic Range from RW 30- RW 34

PERFORMANCE	Non Cyclonic	Cyclonic
		N1 - N5

FLY, SECURITY AND BARRIER SCREEN OPTIONS

CASEMENT WINDOW	610 - 2680 (Wide)
600 - 1457 (High)	F / S / B
CASEMENT / FIXED WINDOW WITH TRANSOM	610 - 2680 (Wide)
1800 - 2057 (High)	F / S / B

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

BUSH FIRE RATED

ATTACK LEVEL	BAL LOW	-	BAL - 29
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

PREMIUM CASEMENT OPERATOR	FALL PREVENTION DEVICE (UPPER LEVELS)
Standard	As Required

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



Casement window

AVAILABLE IN: RESIDENTIAL

							605		683		605		725	
CASEMENT WINDOW (N1-N5)														
Stud Opening			670	910	1270	1270	1510	1510	1870	2110	2470	2710		
Bricks			2.5	3.5	5	5	6	6	7.5	8.5	10	11		
Window			610	850	1210	1210	1450	1450	1810	2050	2410	2650		
920	10	857	CW0906	CW0909	CW0912	CW0912	CW0915	CW0915	CW0918	CW0921	CW0924	CW0927		
1090	12	1029	CW1006	CW1009	CW1012	CW1012	CW1015	CW1015	CW1018	CW1021	CW1024	CW1027		
1260	14	1200	CW1206	CW1209	CW1212	CW1212	CW1215	CW1215	CW1218	CW1221	CW1224	CW1227		
1435	16	1372	CW1406	CW1409	CW1412	CW1412	CW1415	CW1415	CW1418	CW1421	CW1424	CW1427		
1520	17	1457	CW1506	CW1509	CW1512*	CW1512*	CW1515*	CW1515*	CW1518*	CW1521*	CW1524*	CW1527*		
1860	21	1800	CW1806FH+	CW1809FH+	CW1812FH+	CW1812FH+	CW1815FH+	CW1815FH+	CW1818FH+	CW1821FH+	CW1824FH+	-		
2120	24	2057	CW2106FH+	CW2109FH+	CW2112FH+	CW2112FH+	CW2115FH+	CW2115FH+	CW2118FH+	CW2121FH+	CW2124FH+	-		
CASEMENT / FIXED WINDOW (N1-N5)														
1860	21	1800	CW1806	CW1809	CW1812	CW1812	CW1815	CW1815	CW1818	CW1821	CW1824+	CW1827+	a1200 / b600	
2120	24	2057	CW2106	CW2109	CW2112	CW2112	CW2115	CW2115	CW2118	CW2121	CW2124+	CW2127+	a1372 / b685	

OPTION

- Right Hand Hing
- All Casement
- Flyscreen
- Colonial C1 & C2

Note: For higher wind rating, wind load graphs must be consulted. KEY: • = Not for N5 + = Not for N4 and N5. 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.



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