



Dowell
FIXED
WINDOW

TECHNICAL
INFORMATION

NSW | VIC | SA | TAS

DOWELL








Dowell FIXED WINDOWS

A great option for maximising your view and ambient light, while keeping a comfortable internal environment through the correct choice in glass selection. Dowell has significantly increased its ability to meet customers needs with it's residential fixed window range. Increased choices in options such as fixed panel sizes, single or double glazing thicknesses, water penetration performance and larger span choices have been greatly increased over Dowell's standard sliding, awning and double hung ranges.

FEATURES

- Durable low maintenance, easy-clean aluminium profiles.
- Excellent sealing performance of water, air and noise over standard sliding, awning and double hung windows.
- Full length under-sill flap for neat finish and allowance for building settlement.
- Easy coupling to the Dowell range of windows and doors.
- Greater glazing options.
- Significant improvement of thermal performance.
- Can be coupled to our sliding doors as hi-light or side-lite

FIXED WINDOW ENERGY PERFORMANCE					
PRODUCT	Standard Single Glazed	Standard Single Glazed	Standard Double Glazed	ThermaLine™ Double Glazed	ThermaLine™ Double Glazed
WINDOW TYPE	Fixed	Fixed	Fixed	Fixed	Fixed
GLASS OPTION	4mm Clr.	6mm SP10 Clr.	4mm Clr. /10mm Arg. gas /4mm Clr.	LB Clr.SO. 4mm /12mm Arg.gas /4mm Clr.	LB Gy.SO. 4mm /12mm Arg. gas /4mm Clr.
FRAME TYPE	Standard Aluminium	Standard Aluminium	Standard Aluminium	ThermaLine™ Aluminium (with thermal-break)	ThermaLine™ Aluminium (with thermal-break)
AIR INFILTRATION	0.05	0.05	0.05	0.04	0.04
HEATING (STARS)	☆☆☆ 17%	★★★★ 37%	☆☆☆☆ 46%	★★★★★ 64%	☆☆★★★★ 56%
COOLING (STARS)	☆ 11%	★★ 32%	★★ 33%	★★★★ 56%	★★★★ 66%
*SHGC	0.75	0.63	0.66	0.51	0.35
U_w-VALUE	6.2	4.3	3.6	1.7	1.7

ACOUSTICS STC RATING FOR GLAZED DOORS	4 mm Float Glass - 10.5 mm VLAM Hush Acoustic Glass
	Acoustic Range from RW 25 - RW 36 Estimate Only (no test verification)

PERFORMANCE (Standard Range)	Non Cyclonic	Cyclonic
	N1 - N5	C1 - C2

BUSH FIRE RATED

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

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



Fixed window



Fixed window with deluxe frame

AVAILABLE IN: RESIDENTIAL | RESIDENTIAL PLUS | THERMALINE

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

FIXED WINDOW (N1-N5)														
Stud Opening	Bricks	Window	620	860	1220	1460	1820	2060	2420	1460	1820	2060	2420	2660
			2.5	3.5	5	6	7.5	8.5	10	6	7.5	8.5	10	11
			610	850	1210	1450	1810	2050	2410	1450	1810	2050	2410	2650
660	7	600	FW0606	FW0609	FW0612	FW0615	FW0618	FW0621	FW0624	FW0615-2	FW0618-2	FW0621-2	FW0624-3	FW0627-3
920	10	857	FW0906	FW0909	FW0912	FW0915	FW0918	FW0921	FW0924	FW0915-2	FW0918-2	FW0921-2	FW0924-3	FW0927-3
1090	12	1029	FW1006	FW1009	FW1012	FW1015	FW1018	FW1021	FW1024	FW1015-2	FW1018-2	FW1021-2	FW1024-3	FW1027-3
1260	14	1200	FW1206	FW1209	FW1212	FW1215	FW1218	FW1221	FW1224	FW1215-2	FW1218-2	FW1221-2	FW1224-3	FW1227-3
1435	16	1372	FW1406	FW1409	FW1412	FW1415	FW1418	FW1421	FW1424	FW1415-2	FW1418-2	FW1421-2	FW1424-3	FW1427-3
1520	17	1457	FW1506	FW1509	FW1512	FW1515	FW1518	FW1521	FW1524	FW1515-2	FW1518-2	FW1521-2	FW1524-3	FW1527-3
1860	21	1800	FW1806FH	FW1809FH	FW1812FH	FW1815FH	FW1818FH	FW1821FH	FW1824FH	FW1815FH-2	FW1818FH-2	FW1821FH-2	-	-
2120	25	2057	FW2106FH	FW2109FH	FW2112FH	FW2115FH	FW2118FH	FW2121FH	FW2124FH	FW2115FH-2	FW2118FH-2	FW2121FH-2	-	-
2460	28	2400	FW2406FH	FW2409FH	FW2412FH	FW2415FH	FW2418FH	FW2421FH	FW2424FH	FW2415FH-2	FW2418FH-2•	FW2421FH-2•	-	-
FIXED / FIXED WINDOW (N1-N5)														
1860	21	1800	FW1806	FW1809	FW1812	FW1815	FW1818	FW1821	FW1824	FW1815-2	FW1818-2	FW1821-2	-	a1200 / b600
2120	25	2057	FW2106	FW2109	FW2112	FW2115	FW2118	FW2121	FW2124	FW2115-2	FW2118-2	FW2121-2	-	a1372 / b685

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: • = N2 only (not available in N3).



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