



Dowell
SLIDING
WINDOW

TECHNICAL
INFORMATION

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DOWELL 



Dowell SLIDING WINDOWS






Dowell Aluminium Sliding Windows are a popular choice among builders and home owners and have been for many years, they give you excellent ventilation and an elegant appearance, offering the perfect combination of style, function and value for money.

FEATURES

- Durable low-maintenance, easy-clean aluminium profiles.
- Self lubricating stainless steel ball bearing roller system for smooth sash operation.
- Sill drainage system designed for optimum performance.
- Slimline profiles for wide uninterrupted views.
- Full perimeter reveal flashing fin for superior reveal lining protection.
- Anti-lift sash for added security.
- Full perimeter sash weather seals for optimum performance.
- Moulded end gaskets at all frame joints.
- Height adjustable mullion latch.
- 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.*

HARDWARE

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

SLIDING WINDOW ENERGY PERFORMANCE					
PRODUCT	Standard Single Glazed	Standard Single Glazed	ThermaLine™ Double Glazed	ThermaLine™ Double Glazed	ThermaLine™ Double Glazed
WINDOW TYPE	Sliding	Sliding	Sliding	Sliding	Sliding
GLASS OPTION	3mm Clr.	6mm SP10 Clr.	4mm Clr. /12mm Arg. gas /4mm Clr.	LB Clr.SO. 5mm /10mm Arg. gas /5mm Clr.	SolB. 4mm /12mm Arg. gas /4mm Clr.
FRAME TYPE	Standard Aluminium	Standard Aluminium	ThermaLine™ Aluminium (with thermal-break)	ThermaLine™ Aluminium (with thermal-break)	ThermaLine™ Aluminium (with thermal-break)
AIR INFILTRATION	1.30	1.30	0.74	0.74	0.74
HEATING (STARS)	☆☆☆ 17%	★★★★ 37%	★★★★★ 57%	★★★★★ 59%	★★★★☆ 44%
COOLING (STARS)	☆ 10%	★★ 33%	☆☆☆ 39%	☆☆☆☆ 55%	★★★★☆ 75%
*SHGC	0.75	0.61	0.64	0.49	0.21
U _w -VALUE	6.5	4.5	2.9	2.1	1.9

ACOUSTICS STC RATING FOR GLAZED WINDOWS	4 mm Float Glass - 6.38mm Clear Laminated Glass
	Acoustic Range from RW 25 - RW 32

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

FLY, SECURITY AND BARRIER SCREEN OPTIONS

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

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

BUSH FIRE RATED

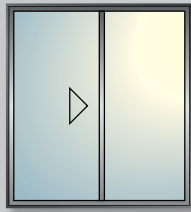
ATTACK LEVEL	BAL LOW	-	BAL - 40
WINDOW FRAME	Aluminium		Aluminium
WINDOW GLAZING	No special requirements.		6mm toughened glass.
HARDWARE	As Above		metal.

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

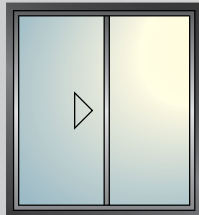
HARDWARE OPTIONS

JAMB LOCKS	MULLION LOCK	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.



Sliding window



Sliding window with deluxe frame

AVAILABLE IN: RESIDENTIAL | RESIDENTIAL PLUS | THERMALINE

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

			605				605				725		725	
SLIDING WINDOW (N1-N5)														
Stud Opening			670	910	1270	1510	1870	2110	2110	2470	2470	2710	3070	
	Brick		2.5	3.5	5	6	7.5	8.5	8.5	10	10	11	12.5	
	Window		610	850	1210	1450	1810	2050	2050	2410	2410	2650	3010	
660	7	600	SW0606	SW0609	SW0612	SW0615	SW0618	SW0621a	SW0621	SW0624a	SW0624	SW0627	SW0630	
920	10	857	SW0906	SW0909	SW0912	SW0915	SW0918	SW0921a	SW0921	SW0924a	SW0924	SW0927	SW0930	
1090	12	1029	SW1006	SW1009	SW1012	SW1015	SW1018	SW1021a	SW1021	SW1024a	SW1024	SW1027	SW1030	
1260	14	1200	SW1206	SW1209	SW1212	SW1215	SW1218	SW1221a	SW1221	SW1224a	SW1224	SW1227	SW1230	
1435	16	1372	SW1406	SW1409	SW1412	SW1415	SW1418	SW1421a	SW1421	SW1424a	SW1424	SW1427	SW1430	
1520	17	1457	SW1506	SW1509	SW1512	SW1515	SW1518	SW1521a	SW1521	SW1524a	SW1524	SW1527	SW1530	
SLIDING / FIXED WINDOW (N1-N5)														
1860	21	1800	SW1806	SW1809	SW1812	SW1815	SW1818	SW1821a	SW1821	SW1824a [•]	SW1824 [•]	SW1827 ⁺	SW1830 ⁺	a 1200 / b 600
2120	24	2057	SW2106	SW2109	SW2112	SW2115	SW2118	SW2121a	SW2121	SW2124a [•]	SW2124 [•]	SW2127 ⁺	SW2130 ⁺	a 1372 / b 685

OPTION



Reverse Sash



Flyscreens



Bottom Sash



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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