



Dowell ThermaLine®  
**SLIDING**  
DOOR

**TECHNICAL**  
INFORMATION

NSW | VIC | SA | ACT | TAS

**DOWELL** 



Pictured: Dowell ThermaLine® four panel Sliding door

## Dowell ThermaLine® SLIDING DOOR

### FEATURES

- Architecturally pleasing wide premium frame system.
- Thermally modeled high performance design.
- High performance double glazing options available.
- Condensation control for Asthma sufferers.
- Suitable for residential and multi-storey applications.
- Insect and security screens are an integral part of the design.
- Durable low maintenance and easy-to clean.
- Sill valve draining system for superior performance.
- Optional sump sill for demanding exposure conditions.
- Fully adjustable, non corrosive ball bearing roller system for smooth operation.
- Available in 2 or 3 panel sliding and 4 panel bi-parting sliding combinations.
- Reversal of sliding configuration on all 2 and 3 panel sliding combinations possible after installation.
- High quality corner gaskets at frame joints for superior sealing.
- Optional fly doors, safety grilles and security doors available.

### HARDWARE

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

### SLIDING DOOR ENERGY PERFORMANCE

					
PRODUCT	Sliding Single Glazed	Sliding Single Glazed	Standard Double Glazed	ThermaLine® Double Glazed	ThermaLine® Double Glazed
DOOR TYPE	Sliding	Sliding	Sliding	Sliding	Sliding
GLASS OPTION	* 5mm Clr.	* 6mm SP10 Clr.	* LB Clr.SO. 4mm /10mm Arg. gas /4mm Clr.	* LB Clr.SO. 4mm /12mm Arg.gas /4mm Clr.	* LB Gy.SO. 5mm /12mm Arg. gas /5mm Clr.
FRAME TYPE	Standard Aluminium	Standard Aluminium	Standard Aluminium	ThermaLine® Aluminium (with thermal-break)	ThermaLine® Aluminium (with thermal-break)
AIR INFILTRATION	1.47	1.47	1.47	0.25	0.25
HEATING (STARS)	☆☆ 19%	★★★★ 38%	★★★★★ 48%	★★★★★★ 60%	★★★★★ 49%
COOLING (STARS)	★ 15%	★★ 36%	☆☆★★ 51%	☆☆★★ 55%	★★★★ 68%
*SHGC	0.71	0.59	0.49	0.49	0.30
U <sub>w</sub> -VALUE	<b>6.2</b>	<b>4.3</b>	<b>3.0</b>	<b>2.0</b>	<b>2.0</b>

\* TGN = Toughened glass used, please consult your Dowell representative for more information.

ACOUSTICS STC RATING FOR GLAZED WINDOWS	4 mm Toughened Glass - 10.5mm VLAM Hush Acoustic Glass
	<b>Acoustic Range from RW 24 - RW 32</b>

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

### FLY, SECURITY AND BARRIER SCREEN OPTIONS

SLIDING DOOR	1450 - 4810 (Wide)
2100 - 2400 (High)	F / S / B

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

### BUSH FIRE RATED

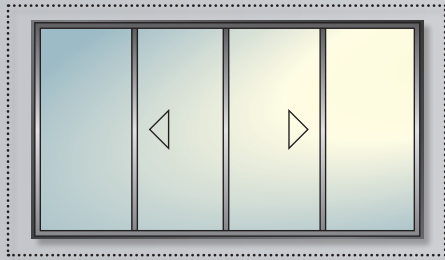
ATTACK LEVEL	<b>BAL LOW</b>	-	<b>BAL - 40</b>
WINDOW FRAME	Aluminium		Aluminium
WINDOW GLAZING	No special requirements.		6mm toughened glass.
HARDWARE	As Above		metal.

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

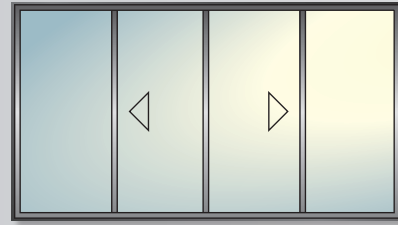
### HARDWARE OPTIONS

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



**ThermaLine®** (Thermal Barrier Frame)  
Two, three or four panel - Sliding Door



Also available in **UrbanLine™**  
Two, three or four panel - Sliding Door

**Please note:** Refer to the Dowell UrbanLine™ brochure for stud opening and frame sizes.

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.

Also available in 2700 mm high configurations.

KEY: + = Not for N3, N4 & N5

Note: For higher wind rating, wind load graphs must be consulted.

SLIDING DOORS (N1-N3 GEN)														OPTION	
		Stud Opening	1510	1860	2100	2460	2700	2792	3152	3692	2922	3642	4122	4842	
	Door	1450	1810	2050	2410	2650	2724	3084	3624	2872	3592	4072	4792		
2135	2100	TSD2115-2P	TSD2118-2P	TSD2121-2P	TSD2124-2P	TSD2127-2P	TSD2127-3P	TSD2128-3P	TSD2136-3P	TSD2129-4P	TSD2136-4P	TSD2141-4P	TSD2148-4P	 Reverse Hand	 Barrier Grille Screen
2435	2400	TSD2415-2P	TSD2418-2P	TSD2421-2P	-	-	-	TSD2428-3P	TSD2436-3	TSD2429-4P	TSD2436-4P*	TSD2441-4P*	-	 Colonial C1	 Screen Door



**16** CELEBRATING  
**YEARS**  
1860 - 2020

**INNOVATION - QUALITY - SERVICE**

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