

i.c.e. Sliding Patio Door System Specifications

Prior to ordering this door system consideration should be taken to "Door System Specifications" and "What the Builder should know".



WEATHERSEALED MULTI-PANEL EXTERNAL SLIDING PATIO DOOR SYSTEM FOR GLAZED TIMBER DOORS

SPDS SPECIFICATIONS	
Max frame width	4500 mm (using 820 wide doors)
Max panel weight	150kg
Max panel height	2340 mm
Max panel width	1200 mm
Max panel thickness	38 mm
Max number of panels	3 doors each way
Door panel spacing	10 mm
Aluminium sill	190 mm wide x 50 mm High
Aluminium head	190 mm wide x 55 mm High
Select grade timber jambs	matching head & sill 190 mm x 30mm

"Door System Specifications" will outline technical specifications of componentry used to assemble your door system, Australian standard compliance where applicable, and weather resistance details. Please note these specifications are only applicable to the specific "Door System". No reference to doors used in the system is provided as door's are nominated by client request. Door specifications can be obtained by contacting i.c.e. door systems or the relevant supplier.

Achieving unprecedented width in a weathersealed external sliding opening, i.c.e.'s SPDS features a fixed panel at one or two ends with multi-pull sliding panels returning parallel to the fixed panel. When used as a 6 panel unit with 3 doors returning to each end of the door system openings as wide as 4.5 m and as high as 2.4m can be achieved. Typically used with timber-framed glass panels up to 150 kilograms in weight, SPDS hardware and tracking is deliberately unobtrusive and is concealed where possible, putting the focus on the craftsmanship of the joinery and the grandeur of the views beyond.

CARRIERS AND TRACKING

i.c.e. SPDS door panels slide on two double-gantry roller carriers rebated into the base of each door panel. Each carrier allows for 8mm of vertical adjustment with a simple screw mechanism accessed via a small hole in the panel. Matching sill and head tracks are produced in natural anodised aluminium with a select grade timber finishing.

PANEL CONTROL

Dedicated door collection and interlock fittings keep door panels under control open or closed. Keyed and non keyed dropbolts with close passing-clearances are a good choice for anchoring closed doors firmly into place. Alternate strike locations can be used to secure partly opened door panels allowing fresh air in while maintaining security.

WEATHER RESISTANCE

Fitted with appropriate weatherseals door panels based on the i.c.e. SPDS provide a high level of protection from wind and water in external applications. i.c.e. recommends and supplies Schlegel weatherseals where required. The extruded aluminium sill provides a positive drainage system at the base of closed doors.

TIMBER JOINERY

Aluminium head and sill components are concealed by select grade durability Calss 1 timber. Style width will match head and sill width and will be select grade timber suitable for painting or staining. Timber infill sections inserted into the head track to allow insertion and removal of active doors will be select grade to match

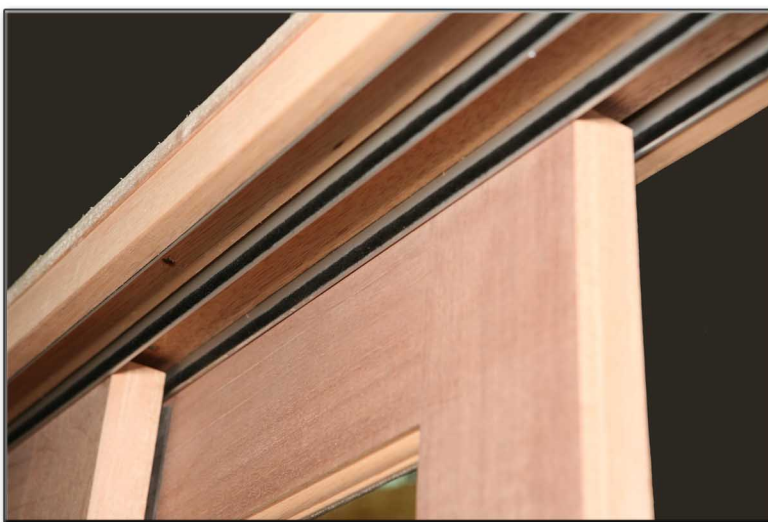
LOCKS

i.c.e. doorsystems recommends Cowdroy (TT697) Sliding Door locks for SPDS. Featuring ergonomically designed lever allowing ease of operation for the elderly and disabled. A large grab area increases accessibility while the door is in the open or closed position. The TT697 lock uses a standard 5 wafer cylinder which can be keyed alike to other household locks.

Commercial Mortice locks to suit sliding doors can be fitted to the i.c.e. SPDS. Caution should be taken that euro cylinders and escutcons will NOT clear panel spacing. Doors fitted with Mortice locks and door furniture will not stack to a fully open position reducing clear opening dimensions.

SPDS FEATURES A FIXED PANEL AT ONE OR TWO ENDS AND MULTI-PULL SLIDING PANELS RETURNING PARALLEL ALLOWING FOR A FRAME WIDTH AS WIDE AS 4.5 METRES USING 820 MM DOORS.

DOOR PANELS CAN BE FITTED WITH ADDITIONAL DROPBOLTS PROVIDING ADDED SECURITY TO CLOSED DOORS WHILE ALSO ALLOWING DOOR PANELS TO BE FIXED IN SELECTED OPEN POSITIONS.



SPECIFYING i.c.e. Sliding Patio Door System

Architects and Designers can feel comfortable simply specifying i.c.e. Sliding Patio Door System



Specifications