

3 EXECUTION

3.1 INSTALLATION

Handing

Determine on site, prior to supply, the correct handing of hardware.

Hinges

Steel frame fixing: Recess flush and screw fix to a 150 mm x 45 mm x 6 mm mild steel reinforcing plate, welded to the back of the frame at each hinge point. Drill and tap the plate to receive stainless steel machine thread screws to suit hinges.

Aluminium frame fixing: Slot aluminium broad butt hinges into sections and fix with eight machine thread screws per hinge. Alternatively face fix SS broad butt hinges to aluminium frame with stainless steel machine screw fixing to backing plates secured at each hinge fixing point.

Mounting height schedule

Furniture item	Height from finished floor (mm)
Locksets And Latchsets: Centreline of door furniture spindle, or of keyway if no furniture:	1000 mm
Panic Exit Device: Crossbar:	1000 mm
Pull Handle (Aluminium Doors)	Mount centrally above lock
Deadlock: Centre of cylinder where pull handle/push plate is also fitted:	1100 mm

Note: All installations are to comply with AS 1428.1 and the Building Code of Australia.

3.2 COMPLETION

Product warranties

Rooms	Primary Mortice Lock, Cylinder both sides	Primary Mortice Lock, Cylinder	External Plain Plate with Cylinder Hole	Internal Plain Plate with Cylinder Hole	External Plain Plate Lever Handle with Cylinder Hole	Internal Plain Plate Lever handle with cylinder hole	Internal Plain Plate Lever handle	Internal Plain plate lever handle & turnsnib to lock & unlock external handle.	Cam Action Door Closer/ Automated Door Closer	Panic Exit Device	Door Stop	Door Stop with Holder	2 Point Horizontal Locking Bar	Push and Pull Plates	Pull Handle	Indicator Set	Padlock with Padlock Protection (Padlock plates and shackle protector used as required)	Nightlatch	Overhead Door Stay	Lock Bolt Shield (as required)	Mortise Roller Bolt	Dual Entry Lock
A	*				*	*					*											
B		*			*			*	ir		*											
C		*			*		*		*			*								ir		
D		*			*		*				*											
E		*			*		*				ir	ir	*									
F		*			*			*			*											
G		ir			ir		ir		*					*								
H																*						
J																	*					
K																		*	*			
L									*	*												
M															*						*	
N																						*

- ir = If required
- For open-out doors: Door bolt shield required
- Where double doors are specified Skeleton bolts, flush bolts, sequence selector, secondary door stops and door stops with hook bolts are required.
- Closers to comply with BCA, 1428.1, and Access to Premises requirements.

Refer to separate schedules for manufacturer's items.

To be read in conjunction with plans and room technical data.

Door Hardware Sets	
A	Connecting door between General Learning Spaces and Workshops/ Laboratories, Library and Senior Study, Entrances
B	Animal Space, Plant Space, Agriculture Covered Area, Botany/Zoology, Clerical/Printing/Workroom, Clerical/Printing, Administration – Clerical, Administration – Executive, Clinic, First Aid, Community Clinic, Corridors, Kitchenette, Library Office/Workroom (PS), Careers Adviser, System Administrator, Principal, Deputy Principal, Home Base/Practical Activities Area, Home Base Store, Interview, Interview/Office, Interview/Meeting, Kiln Room (PS), Kiln Space (HS), Kitchens and Laboratories, Learning Spaces Generally, Laundry, Lecture Theatre, Library, Practice, Preparation, Kitchen - Preparation, Tea Room, Visitor's Office, Workshops, Staff Room, Sick Bay, Staff Room Annexe, Staff Study, Staff Lounge, Science Laboratory, Preparation - Science, Stage to Backstage, Staff Toilets and Air Lock Entry, Seminar, Senior Study, Special Programs Room
C	Chemical Store
D	Pantry – Semi-Commercial, Pantry – Domestic, Wood & Metal Materials Store, Project Store, P.E. Store, Large Equipment Store, Outdoor Equipment Store, Chair Store, Performance Store (PS), Movement Studio Store, Stage Control Cupboard, Sound Cupboard, Shed Workshop, Bulk Store (HS), Cleaning Supplies Store, Cleaning Distributed Store, Dust Extraction, General Store, Shared Withdrawals
E	GLS Store, Apparatus Store, Visual Arts Store, Pottery Store, Dark Room, Performance Store (HS), Fitness Store, Kitchen - Store, Multimedia Store, Lecture Theatre Store, Computer Store, Communications Room, KLA Resource Store, Special Programs Store, Sports Store, Sport Equipment Store, Control Room, Security Store (PS), Administration Store (HS), Preparation/Printing, Duplicating (own space), Bulk Store (General Assistant, PS), Archive Store, Multimedia Studio, Library Admin (HS), Computer Learning Space, Canteen
F	Under Stage Storage, Switchroom, Mechanical Plant Room, Lift Motor Room, L.P.G. Storage, Canteen Office/Store (stable door with barrel bolt), Evaporating Cooling Unit (ECU)
G	Student Shower/Change/Toilets (Air Lock Entry), Vending Machines, Access Toilet, Access Shower/Toilet, Staff Shower, Laundry to Change, Stage, Stage/Platform Access, Access Lift Lobby, E.I. Homebase to Shower/WC Access Shower/WC/Change/ Laundry
H	Staff Toilets, Student Toilets, Clinic Toilets, (fully enclosed cubicle), Staff/Student Toilet/Shower (Cubicles)
J	Garden Store, Swimming Pool Fence for Outdoor Learning/Play Enclosure, Boundary Fence Gate, Zone Fence Gate, Compound/Security Gates, Games Court (HS)
K	Electrical Distribution Board, Service Duct,
L	Exits for Communal Hall, Gymnasium, Movement Studio, Stair Exit, Library Exit, Corridor Exit
M	Fire Hose Reel
N	Switchroom, rooms where power industry access is required

Corridor double door leaf meeting edges non-rebated.

- Omit lock if egress is required from the locked side. (where required)
- Omit lockset for internal spaces not required to be locked and substitute mortice latchset
- Omit deadlock for internal air lock doors
- Non combustible construction, smoke seals, RHS galv. sill for bottom seal where required.
- Door leaves to have aluminium meeting edges with/without overlapping cover strip. (Where req.)
- Canteen servery door frame to be positioned flush with the external wall surface to allow doors to open back against walls. Where adjoining door leaves overlap when open 100 x 150mm stainless steel heavy duty wide throw butt hinges are required for one leaf. For overlapping door leaves omit one door stop and holder. Skeleton bolts, door stop, hinge bolts, pull handle with roses (active leaf internal side)