



Airlock - Entry, 12m2

Room Code	AIRLE-12
Briefed Area	12.00 m ²
Ceiling Height	2.7 m
Occupancy	accessed intermittently
Hours of Operation	Up to 24 hours (dependent on unit operating hours)

Description | The Airlock, 12m2 is a transitional space, typically associated with an entry area or waiting/reception area, which provides wind/weather protection and supports efficient temperature regulation within the building. Final configuration of the airlock will be dependent on site, internal layout and access requirements.

Electrical	PROTECTION: body protected	<input type="checkbox"/>
	PROTECTION: cardiac protected	<input type="checkbox"/>
Lighting	LIGHTING: general	<input checked="" type="checkbox"/>
	LIGHTING: colour corrected	<input type="checkbox"/>
	LIGHTING: dimmable	<input type="checkbox"/>
	LIGHTING: indirect	<input type="checkbox"/>
Nurse Call and Duress	NURSE CALL SYSTEM: buttons / handset	<input type="checkbox"/>

HVAC	AIRCONDITIONING: general	<input checked="" type="checkbox"/>
	AIRCONDITIONING: HEPA filtered	<input type="checkbox"/>
	AIRCONDITIONING: positive pressure	<input type="checkbox"/>
	AIRCONDITIONING: negative pressure	<input type="checkbox"/>
	VENTILATION: exhaust	<input type="checkbox"/>
	VENTILATION: natural	<input type="checkbox"/>

Additional Considerations

- The Airlock is intended to be used by a wide range of people including fully ambulant people, persons using a wide range of walking aids and persons in wheelchairs.
- The Airlock may need to support the movement of beds/trolleys (e.g. at an ambulance or transit lounge entry) requiring a configuration that provides a relatively straight path of travel.
- Additional area to accommodate door movement and circulation will be required if entry from multiple directions provided.
- Extent of glazing to entry doors and airlock walls to be confirmed at project level to suit façade requirements and visual access from nearby reception or security areas. Wall materials shown are indicative and will be dependent on facade design and internal layout.
- Motorisation of doors to be confirmed by project team to suit access requirements.
- Access control may require the provision of swipe card readers, keypads, intercoms, push to open buttons (e.g. to exit after hours), door release buttons from nearby security or reception, etc. Provision of these items will depend on security requirements and operational policies (e.g. for after-hours access). Lockdown and emergency egress requirements must also be considered. A hold open function to the internal door will also typically be required for cleaning.
- Flooring in the Airlock typically supports the capture of dirt and moisture at the building entry to reduce cleaning requirements. Floor finishes are to be specified/detailed to reduce the risk of trips, slips and falls, (e.g. minimise changes in finished height at transitions). Drainage requirements to floor matting must be considered.
- Depending on layout and alignment of openings when the doors are open, an air curtain may be required to prevent the entry of draughts, insects, odours, etc.
- At public/patient entries, the provision of culturally appropriate artwork (e.g. with film on glazing) may be considered to create a welcoming atmosphere.
- Hand hygiene facilities, such as alcohol-based hand rub, should be provided nearby upon entry in line with local infection prevention and control (IPC) policies. It is not recommended that these items are provided within the airlock so the need for users to stop within the airlock is avoided and the path of travel is kept clear.
- A small amount of concise signage may be required within the airlock. However, it is recommended that extensive wayfinding information is made readily accessible upon entry so the need for users to stop within the airlock is avoided and the path of travel is kept clear.



Doors and Windows

CODE	DESCRIPTION	COMMENT
DOST-312.01	DOOR: stacking, bi-parting, 2 leaves + 2 fixed panels, 1600 clear opening, fully glazed, framed with mid-rail	[DWGL-050] internal door
AFWFI-022	WINDOW FINISH: decal	to fixed glazed panel, high visibility for safety and luminance contrast requirements
AHDEC-001	BUTTON: door release, push to enter/exit, wall mounted	[ITSE-051] inside airlock, to enter after hours
AHDEC-001	BUTTON: door release, push to enter/exit, wall mounted	[ITSE-051] to adjacent internal area, to exit after hours
AHDEC-101	DOOR CONTROL: key switch, mode selection, automatic door	
AHDMO-011	DOOR MOTORISATION: stacking, 1 leaf	
AHDSS-012	DOOR SENSOR: door activation, motion detection, integral to frame	to adjacent internal area
AHDSS-015	DOOR SENSOR: door activation, motion detection, ceiling mounted	inside airlock
DOST-312.01	DOOR: stacking, bi-parting, 2 leaves + 2 fixed panels, 1600 clear opening, fully glazed, framed with mid-rail	[DWGL-050] external door
AFWFI-022	WINDOW FINISH: decal	to fixed glazed panel, high visibility for safety and luminance contrast requirements
AHDEC-001	BUTTON: door release, push to enter/exit, wall mounted	[ITSE-051] inside airlock, to exit after hours
AHDEC-101	DOOR CONTROL: key switch, mode selection, automatic door	
AHDMO-011	DOOR MOTORISATION: stacking, 1 leaf	
AHDSS-012	DOOR SENSOR: door activation, motion detection, integral to frame	to adjacent external area
AHDSS-015	DOOR SENSOR: door activation, motion detection, ceiling mounted	inside airlock
ITSE-266	READER: security, access control, proximity card, outdoor, wall mounted	[ITSE-050] as required for access and security to suit operational policies; may be integral to intercom



Finishes

CODE	DESCRIPTION	COMMENT
FLGE-081	FLOOR FINISH: entrance matting, recessed, indoor	[FLGE-016]
FLSK-031	SKIRTING: aluminium, concealed fixing	[FLSK-008]
WLFI-001	WALL FINISH: paint	[WLWA-004]
CLFS-011	CEILING: flush set, suspended	[CLFS-006]
CLBK-011	BULKHEAD: flush set	[CLGE-001] to internal door
CLBK-011	BULKHEAD: flush set	[CLGE-001] to external door
CLFI-001	CEILING FINISH: paint	[CLFS-006]
CLCN-031	CORNICE: square set	[CLCN-008]



Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIDI-055	DISPENSER: umbrella cover, floor standing	3	1	[FIDI-055] optional
ITSE-121	CAMERA: security, CCTV, indoor, dome, ceiling mounted	1	1	[ITSE-012+FIHR-002] as required for access control and security in line with local operational policies



CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-136	GPO: single, emergency power, ceiling mounted	①	1	[ELGP-125] to security camera
ITIN-011	OUTLET: data, single RJ45, ceiling mounted	①	1	[ITIN-011] to security camera
ITSE-191	INTERCOM: audio-visual, slave, outdoor, wall mounted	①	1	[ITSE-049] as required for access control and security in line with local operational policies; may include integral swipe card reader; may be located to internal door
ITSE-301	ALARM: door release, emergency, break glass, wall mounted	①	1	[ITSE-024]
MESU-006	AIR CURTAIN: external door	①	1	[MEEX-018] optional

For guidance on how to use the Room Data Sheet, please visit the [AushFG website](#).