Atelier MB
Urban Architects

Door Schedule

Job Ref: 2002

Science and Industry Museum
1830s Warehouse

Project Name:	Science Museum: Fire Works
Project No:	2002
Stage:	4
Revision:	*D (Changes in red italics)*

Floor	Room	Methodology	Pin Number	Door Ref	Fire Rating	Leaf Type	Frame Type*	Width (mm)	Height (mm)	Thickness	Glazing	NBS Clauses	Ironmongery
Ground Floor	WP01	DOOR_MET_256	0026:09	MAN-000191	60	A - Timber - Double framed boarded	A	1450	1800	64 with solid core and feature groove	Yes	L20/410A (doorset), L20/310	11
~~Lower ground~~	~~SB LG05C~~	~~DOOR_MET_256~~	~~0001:10~~ (see SB schedule for this item)	~~MAN-000138~~	~~60~~	~~B - Timber - Single framed boarded~~		~~1030~~	~~2090~~		~~No~~		
Lower Ground	Electrical room	DOOR_MET_256	0048:09	MAN-000193	60	J - Timber - Single flush with louvre	B	915	2195	54	No	L20/230, L20/310	12

Floor	Room	Methodology	Pin Number	Room Ref	Fire Rating	Leaf Type	Frame Type*	Width (mm)	Height (mm)	Thickness	Glazing	NBS Clauses	Ironmongery
Lower Ground	Riser	DOOR_MET_256	0049:09	MAN-000190	60	B - Timber - Single framed boarded	A	1055	1865	64	No	L20/410B (doorset), L20/310	13
Ground Floor		DOOR_MET_256	0032:38 (compartment pin)	A1032:38	30	C - Timber - Single flush	C	1080	2070	44	No	L20/270, L20/310	13
~~First Floor~~	~~W105A~~	~~DOOR_MET_257~~	~~0151:38~~ (works omitted)	~~A1151:38~~	~~30~~	~~double metal glazed~~		~~1500~~	~~2250~~	-	~~Yes~~	~~L20/280, L40/230~~	-
~~First Floor~~	~~W105A~~	~~DOOR_MET_257~~	~~0151:38~~ (works omitted)	~~A2151:38~~	~~30~~	~~double metal glazed~~		~~1500~~	~~2250~~	-	~~Yes~~	~~L20/280, L40/230~~	-
~~Second Floor~~	~~W205A~~	~~DOOR_MET_257~~	~~0145:38~~ (works omitted)	~~A1145:38~~	~~30~~	~~double metal glazed~~		~~1530~~	~~2300~~	-	~~Yes~~	~~L20/280, L40/230~~	-
~~Second Floor~~	~~W205A~~	~~DOOR_MET_257~~	~~0145:38~~ (works omitted)	~~A2145:38~~	~~30~~	~~double metal glazed~~		~~1530~~	~~2300~~	-	~~Yes~~	~~L20/280, L40/230~~	-
~~Lower ground~~	~~SB LG07~~	~~DOOR_MET_257~~	~~0069:38~~ (works omitted)	~~A1069:38~~	~~30~~	~~double metal glazed~~		~~1580~~	~~2100~~	-	~~Yes~~	~~L20/280, L40/230~~	-
Lower ground	Riser cupboard behind SBG09	DOOR_MET_256	0019:09	MAN-000054	30	C - Timber - Single flush	C	1080	2070	44	No	L20/230B, L20/310	13

Floor	Room	Methodology	Pin Number	Room Ref	Fire Rating	Leaf Type	Frame Type*	Width (mm)	Height (mm)	Thickness	Glazing	NBS Clauses	Ironmongery
Lower ground	*SB-LG-04*	*DOOR_MET_258*	*Pin A1SBLG04*	*SB-LG-04*	*60mins*	*A - Timber - Double framed boarded*	*A*	*1560*	*Nom. 2100*	*64*	*No*	*L20/410B (doorset), L20/310*	*15*
Lower ground	*SB-LG-04*	*DOOR_MET_258*	*0003:10*	*SB-LG-04*	*30mins*	*B - Timber - Single framed boarded*	*A*	*1560*	*Nom. 2100*	*44*	*No*	*L20/410B (doorset), L20/310*	*15*

NOTES

1. Door refs and pins prefixed with the letter A are completely new doorways to the building. The last numbers relate to the nearest room number.
2. All door fastenings and fittings to have been tested on the same doorset (and certification supplied), and meet the Door & Hardware Federation published 'Code of practice: hardware for fire and escape doors' guidance document (available via: http://firecode.org.uk/Code_of_Practice_hardware_for_fire_and_escape_doors.pdf).
3. Sizes given for pricing purposes only – all door openings to be measured on site prior to fabrication.
4. Finger guards to be installed on all new front of house doors.
5. All doors to have perimeter smoke seals
6. All doors: Install minimum of 3 hinges with all the screws fitted. Use ironmongery stamped with CE stamp or BSEN 1935 grade 13 (or equivalent),
7. Allow for new SS threshold plates to all new doorsets.
8. All new fire doors to have an air leakage rate not exceeding $3m^3/m/hour$ (from head and jambs only) when tested at 25Pa under **BS 476-31.1**. OR Meet the additional S_a classification when tested to **BS EN 1634-3**.

Floor	Room	Methodology	Pin Number	Room Ref	Fire Rating	Leaf Type	Frame Type*	Width (mm)	Height (mm)	Thickness	Glazing	NBS Clauses	Ironmongery

9. Master keyed suite required for each building**. (NB this may have to change if work packages are further split)**

KEY

*TBC pending survey data.
^May be downgraded to 30mins – pending fire engineer confirmation.
”This are short doors to act as access hatches.

Ironmongery Set Types

1. **Key lockable with escape latch, SS lever handles,** door closer, kick plate to both sides. Fire Door Keep Locked Shut signage.
2. **SS pull handle**/push plate, door closer, kick plate to both sides. Fire Door Keep Shut signage.
3. Lever handles, door closer, kick plate to both sides. **180 degree double swing hinges**. Fire Door Keep Shut signage.
4. **LOCKING MECHANISM TBC by SIM – fire escape route.,** SS pull handle/push plate, door closer, kick plate to each side. **Electromagnetic hold open device**
5. AD: compliant indicator lock with **thumb turn**, SS lever handles mounted onto SS back plates , kick plate to each side.
6. Key **lockable with escape latch. SS** lever handles to each side. Push/Pull signage. **Finger guards.** door closer,
7. **Key lockable with escape latch, SS lever handles,** door closer, kick plate to both sides. **Fire Door Keep Shut signage**.
8. P**ush bar to open emergency escape ironmongery,** door closer, kick plate to both sides. **Fire Door Keep Shut signage**.
9. **Push bar to open emergency escape ironmongery,** door closer, circular vertical SS pull handles, kick plate to both sides. **External operator with key lock override – TBC. 3 point locking - TBC**
10. Key lockable with escape latch. D lever handles to each side. Push/Pull signage. Finger guards. **Electromagnetic hold open device** connected to fire alarm system, door closer, **180deg hinges,**
11. Key lockable with escape latch. D shaped pull handles to each side, Finger guards, door closer, **180deg hinges.**
12. Key lockable with escape latch, SS lever handles, door closer, kick plate to both sides. Fire Door Keep Locked Shut signage. **Fire rated ventilation grill.**
13. Key lockable, SS pull handles/push plates, door closer, kick plate to one side. Fire Door Keep Locked Shut signage
14. Digital Lock Panic Access Kit, SS lever handles, door closer, kick plate to both sides. Fire Door Keep Shut signage.
15. Key lockable with escape latch, SS pull handles/push plates, door closer, kick plate to both sides. Fire Door Keep Shut signage

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