

Signage Reference Manual for

Fire-Safety related signs

Signs for Civil Defence Shelter

Signs- Miscellaneous



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Date of Print

Signage Reference Manual

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This reference does not purport to list all signage / notices / warnings that are required by regulatory codes or operational / maintenance requirements.

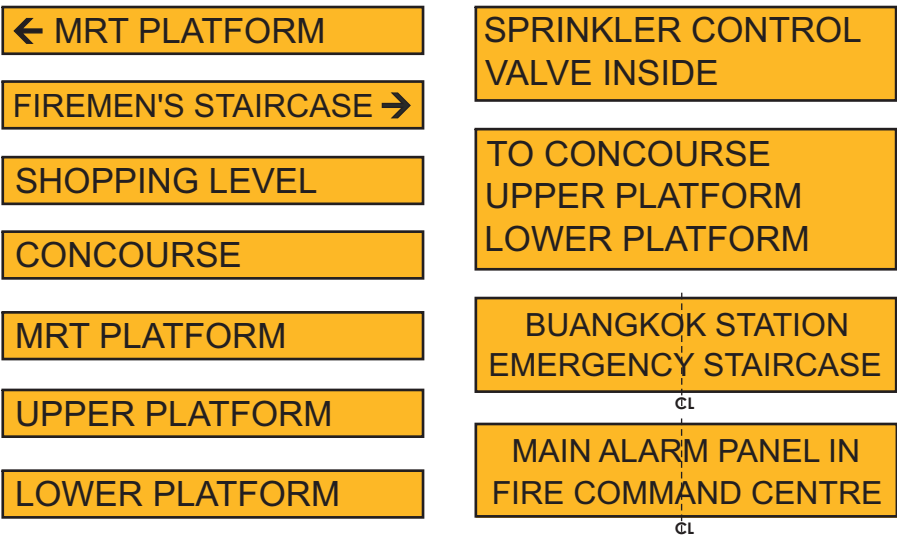
The contractor / professional engineer shall ensure that all other signage/notices/warnings required by regulatory codes that are not listed in this reference are complied fully in the provision of the escalator/s or travelator/s (with respect to their operation).

Fire-Safety Sign
CD Sign
Miscellaneous

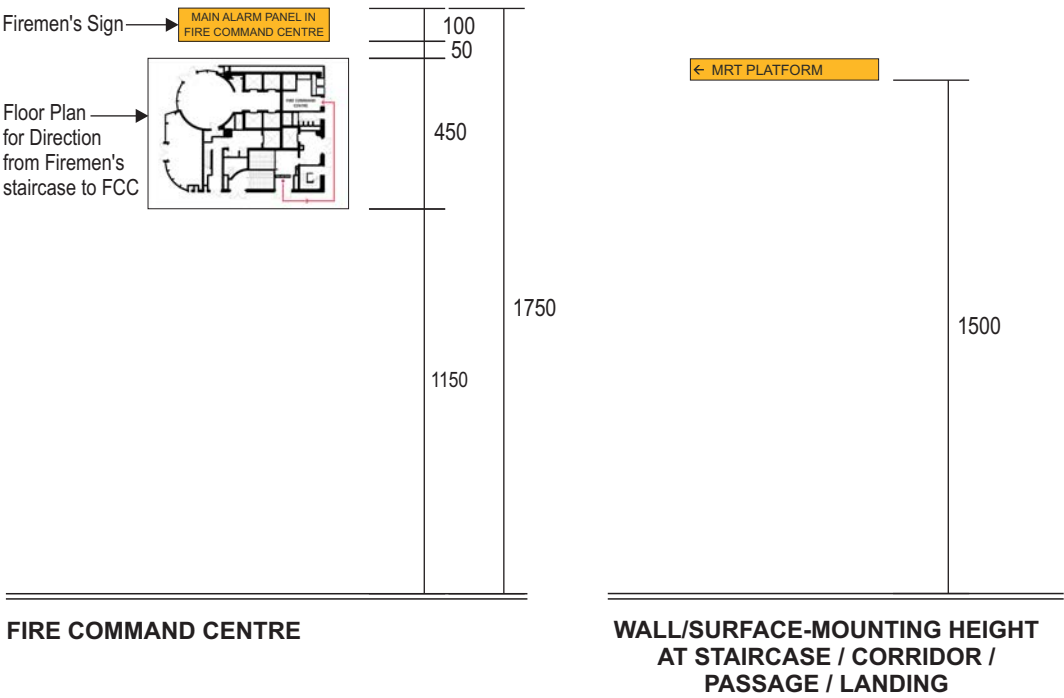
This reference does not purport to list all signage / notices / warnings that are required by regulatory codes or operational / maintenance requirements.

The contractor / professional engineer shall ensure that all other signage/notices/warnings required by regulatory codes that are not listed in this reference are complied fully in the provision of the escalator/s or travelator/s (with respect to their operation).

Firemen’s Sign - FS series



Some samples of text messages (indicative only for illustration purposes)



Firemen’s Sign - FS series
(1-Line Text) Sign - Sign Code: FS1
(2-Line Text) Sign - Sign Code: FS2
(3-Line Text) Sign - Sign Code: FS3

Illustration shows indicative samples of text messages.

The Qualified Person(QP) shall select the appropriate sign to match the number of line-text for the intended message.

The QP shall advise the text messages and associated directional arrows

Location and Application

This sign shall be provided on all emergency escape doors with push-bars.

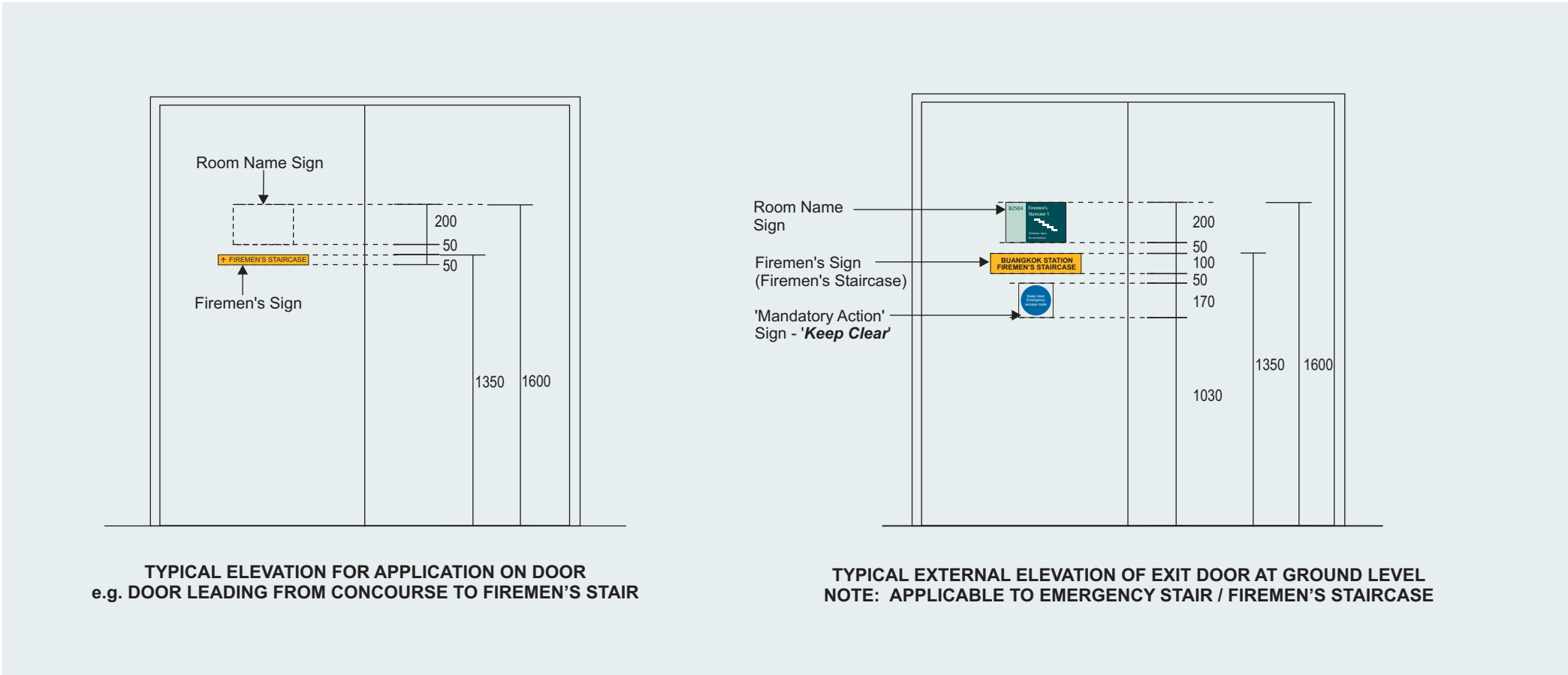
Material and Construction

Sign Specification:
• Refer to previous page

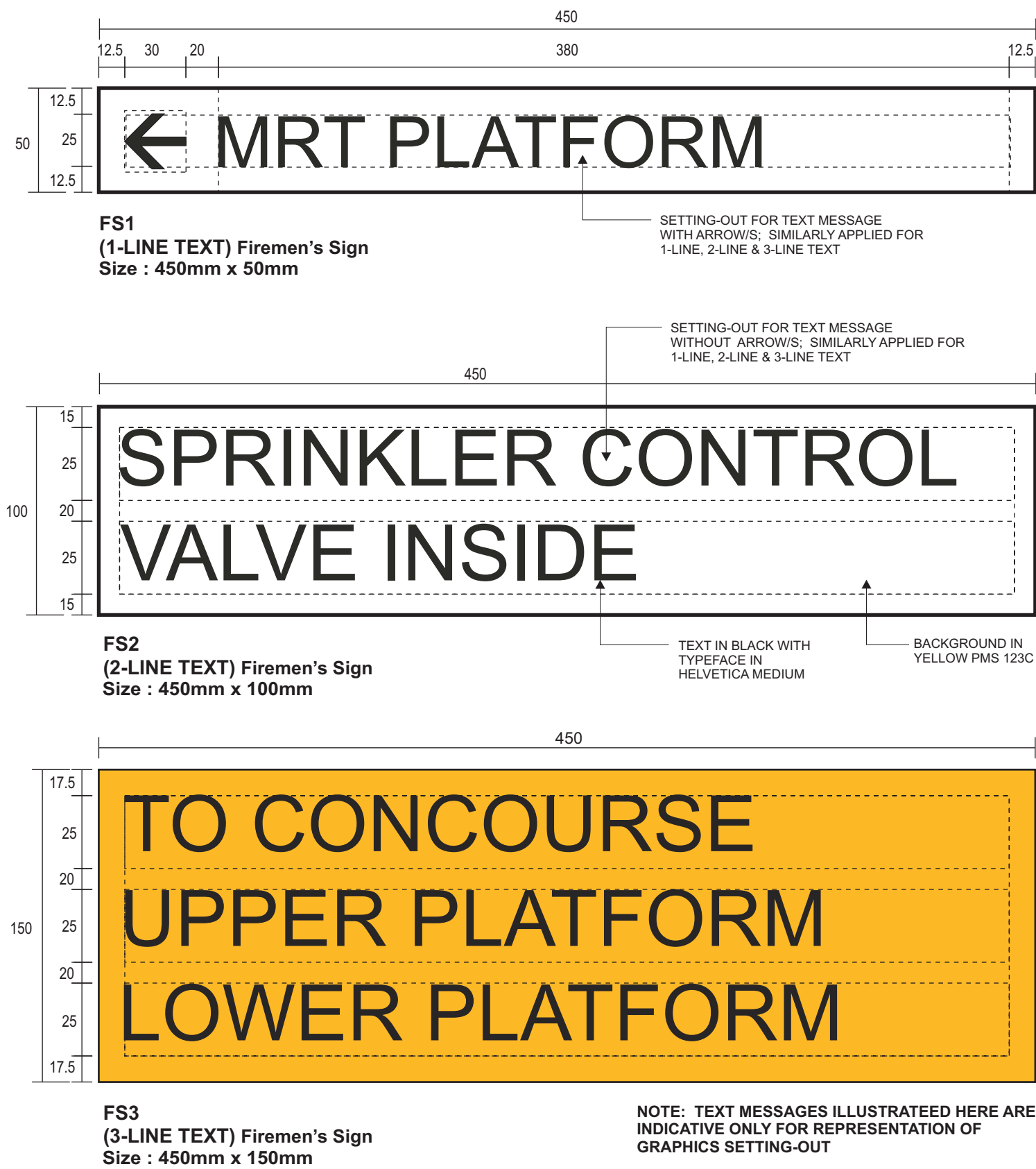
Mounting Height:
• As illustrated.

Artwork and Graphics

See illustration



Firemen’s Sign - FS series



Firemen’s Sign - FS series
(1-Line Text) Sign - Sign Code: FS1
(2-Line Text) Sign - Sign Code: FS2
(3-Line Text) Sign - Sign Code: FS3

- Signs for Firemen.
The sign carries:
- Directional arrows (where application)
 - Identification of area/s or room/s
- The following shall be advised by th QP:
- the exact arrow and text message for each sign
 - the specific selection of either FS1 or FS2 or FS3

Location and Application

The signs shall be provided on doors to identify the room, space or the area that the door leads into. They shall also be provided at strategic locations to guide firemen entering the station from the firemen’s staircase/s to every part of the station.

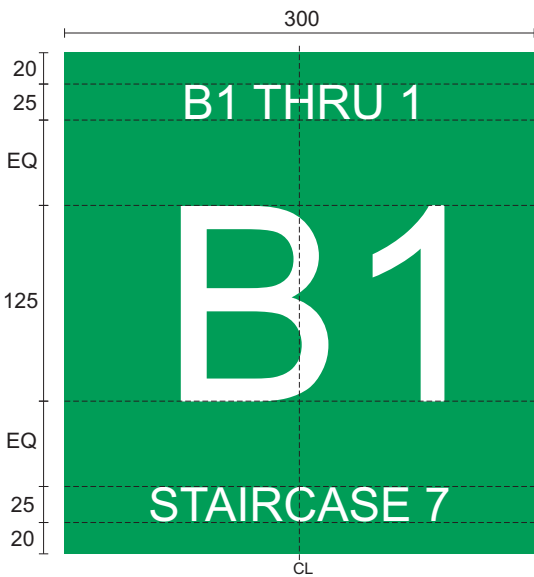
Material and Construction

- Sign-face Panel:
- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.
- Mounting:
- Surface-mounted on smooth surfaces with industrial-strength double-sided adhesive tape
 - Surface-mounted on other surface types with stainless steel screws with wall-plugs

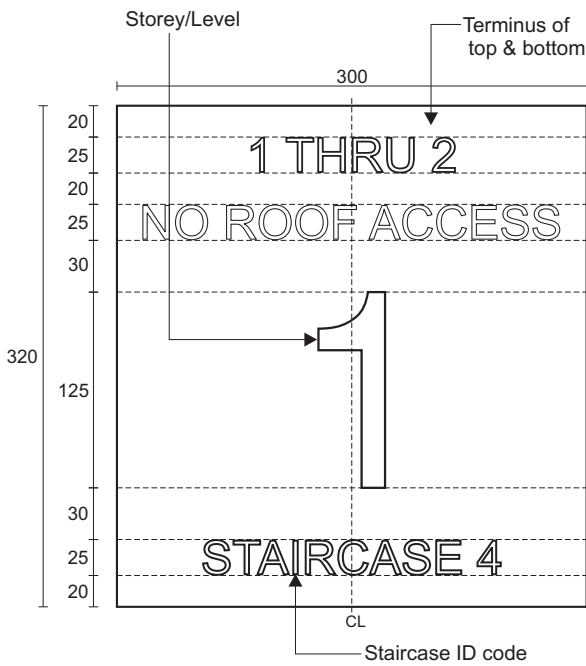
Artwork and Graphics

See illustration

Staircase Identification Sign - FS5



FS5
Staircase Identification Sign
Size : 300mm x 320mm



GRAPHICS SETTING-OUT

Staircase Identification Sign - Sign Code: FS5

This sign provides information on the emergency escape staircase thus classified as information on Means of Escape/Safe Condition, hence the Green Colour.

The exact text message for each sign shall be advised by the QP.

Location and Application

This sign is displayed on at the door landing of the staircase in a position that is readily visible when the door is open or closed position.

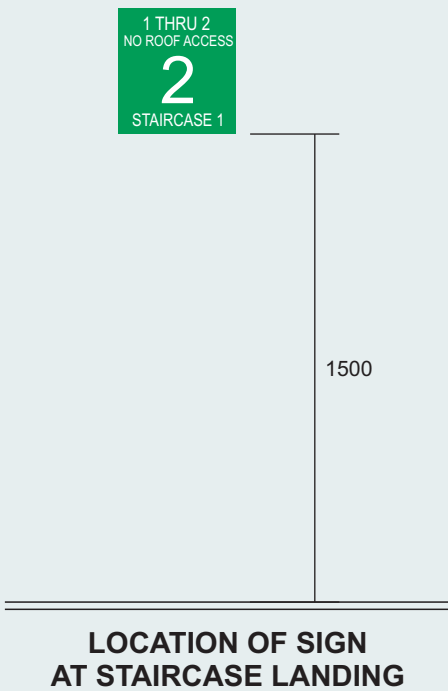
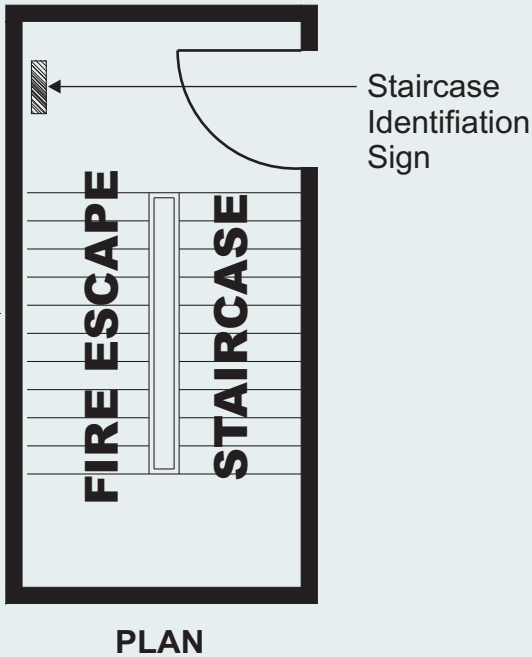
Material and Construction

- Sign-face Panel:
- 2mm thick powder coated aluminium panel background in safe condition green PMS 355C
 - Silkscreen-printed graphic text in white with typeface in Helvetica Medium.
 -

- Mounting:
- On smooth surface with industrial strength double-sided adhesive tape.
 - On other surfaces with stainless steel screws with wall-plugs.

Artwork and Graphics

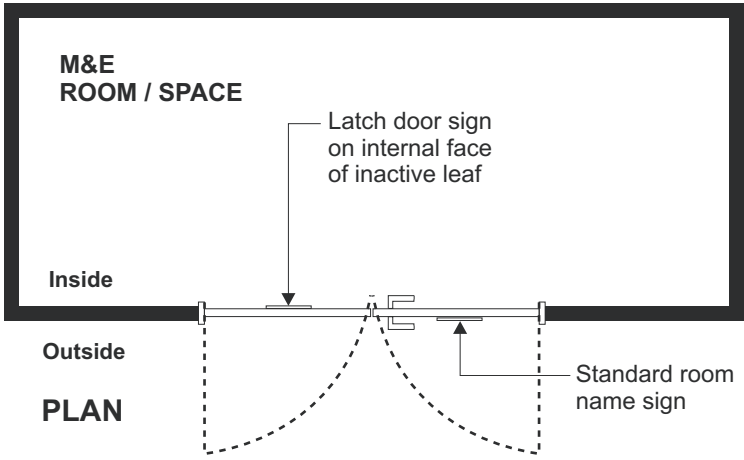
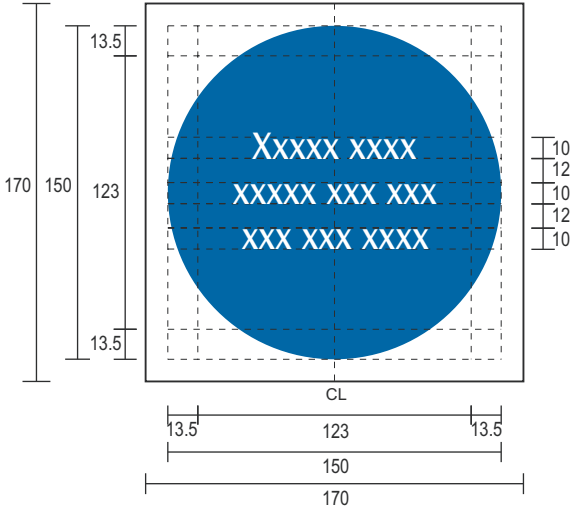
See illustration



Mandatory Action Sign - FS4 series



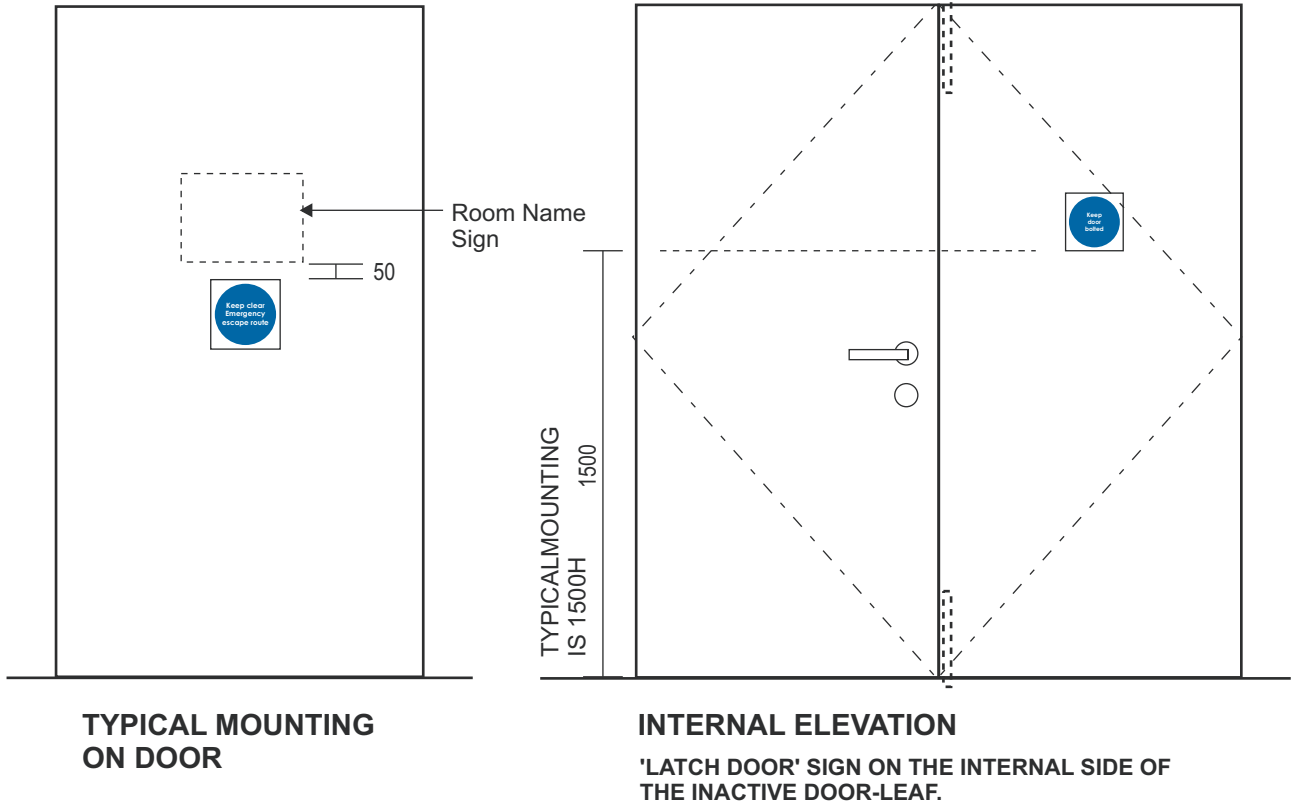
FS4a
Mandatory Action Sign - 'Latch Door' Sign
Size : 170mm x 170mm



'LATCH DOOR' SIGN ON THE INTERNAL SIDE OF THE INACTIVE DOOR-LEAF.

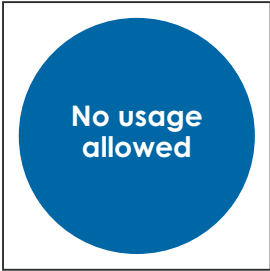


FS4b
Mandatory Action Sign - 'Keep Clear' Sign
Size : 170mm x 170mm



SIGN CODE: FS4c
Mandatory Action Sign -
'NEA-No loitering' Sign

Indicative/Samples of other
'Mandatory Action' Signs:



Mandatory Action Sign - FS4 series

Specific Messages:
'Latch Door' Sign - Sign Code: FS4a
'Keep Clear' Sign - Sign Code: FS4b
'No Loitering ' Sign - Sign Code: FS4c

The sign is classified as a sign indicating 'Mandatory Action', hence the Blue colour.

The Qualified Person shall advise of other 'mandatory action' messages which may be required.

Location and Application

The signs shall be provided as indicated by the QP. Refer to illustrations

Material and Construction

Sign-face Panel:
Silkscreen-printed graphics on 2mm thk powder-coated aluminium.
Text graphic in white with typeface in Helvetica Medium.
Background colour in Mandatory Blue; PMS 301C

Mounting:
Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape

Artwork and Graphics

See illustration
Always use the master softcopy for reference

Mandatory Action Sign - FS10, FS12, FS14, FS21



FS10
Fire Hosereel Sign
Size : 150mm x 150mm



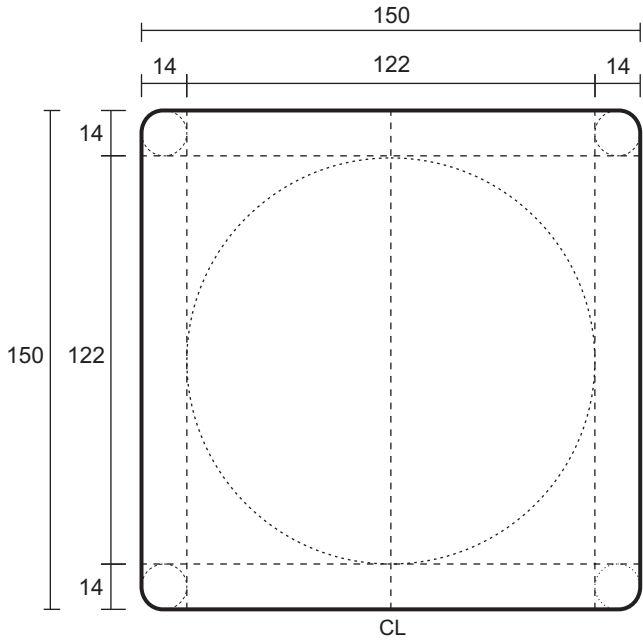
FS12
Fire Extinguisher Sign
Size : 150mm x 150mm



FS14
Station Dry Rising Main Sign
Size : 150mm x 150mm



FS21
Emergency/Fire Phone Sign
Size : 150mm x 150mm



GRAPHICS SETTING-OUT

NOTE:
SPECIFICATIONS FOR THESE COVER ONLY
THOSE IN THE STATION PUBLIC AREAS.

Mandatory Action Sign - FS4 series

- Specific Messages:**
'Fire Hosereel' Sign - Sign Code: FS10
'Fire Extinguisher' Sign - Sign Code: FS12
'Station Dry Rising Main' Sign - Sign Code: FS14
'Emergency/Fire Phone' Sign - Sign Code: FS21

The sign identifies 'Fire safety equipment', hence the Red colour.

* * The application of the graphics, material and finishes of this sign stipulated in this Reference Manual covers only those in **Public Areas**.

* * Other similar signs in the **Non-Public Areas** may be supplied by the equipment supplier in other graphics, materials and finishes, as long as they comply with the current statutory regulations.

* * For equipment in the Public Areas, other messages required e.g. instructions on usage of Fire-hosereel, shall be provided by the equipment supplier.

Location and Application

At or around the fire-safety equipment or on access hatch doors.

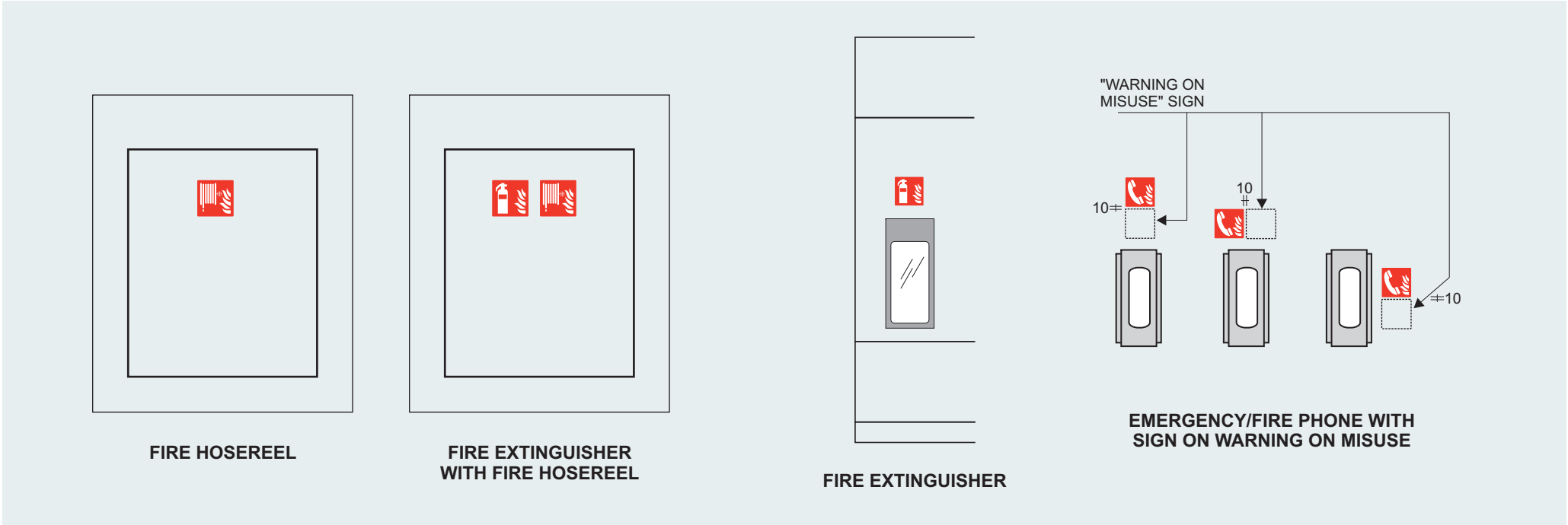
Material and Construction

- Sign-face Panel:**
- Silkscreen-printed white graphics on 2mm thick powder-coated aluminium.
 - Background colour in Prohibition Red; PMS 485C

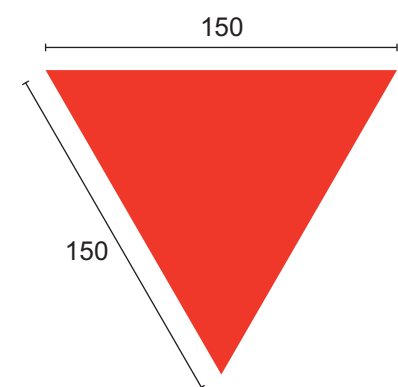
- Mounting:**
- Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape.
 - Other surfaces - additional polycarbonate backing with stainless steel screws and wall-plugs.

Artwork and Graphics

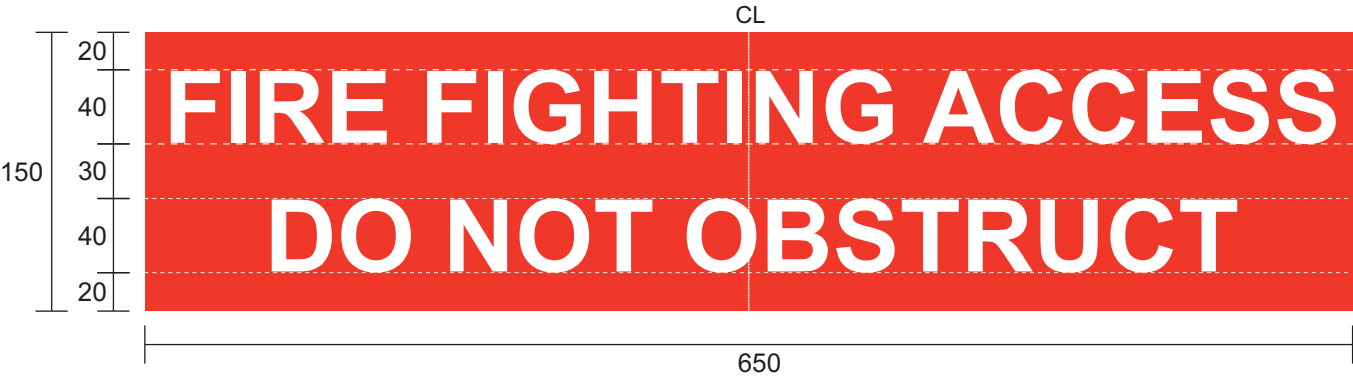
- See illustration
- Always use the master softcopy for reference



Fire Fighting Access Sign - FS7 and FS18



FS18
Firemen Access Panel Indicator
Size : 150mm x 150mm



FS7
'Fire Fighting Access Do Not Obstruct' Sign
Size : 650mm x 150mm

Fire Fighting Access Sign - Firemen Access Panel Indicator Sign - Sign Code: FS18
'Firemen Fighting Access Do Not Obstruct' Sign - Sign Code: FS7

The sign is classified as a Fire-Safety sign, hence the Red colour.

Location and Application

These signs are located at or around fire fighting access panels.

Sign Code: FS18
Material and Construction

- Sign-face Panel:**
- Prohibition RED - PMS 485C; Powder-coated aluminium with industrial strength self-adhesive vinyl.
- Mounting:**
- Surface mounted with industrial strength self-adhesive vinyl.

Artwork and Graphics

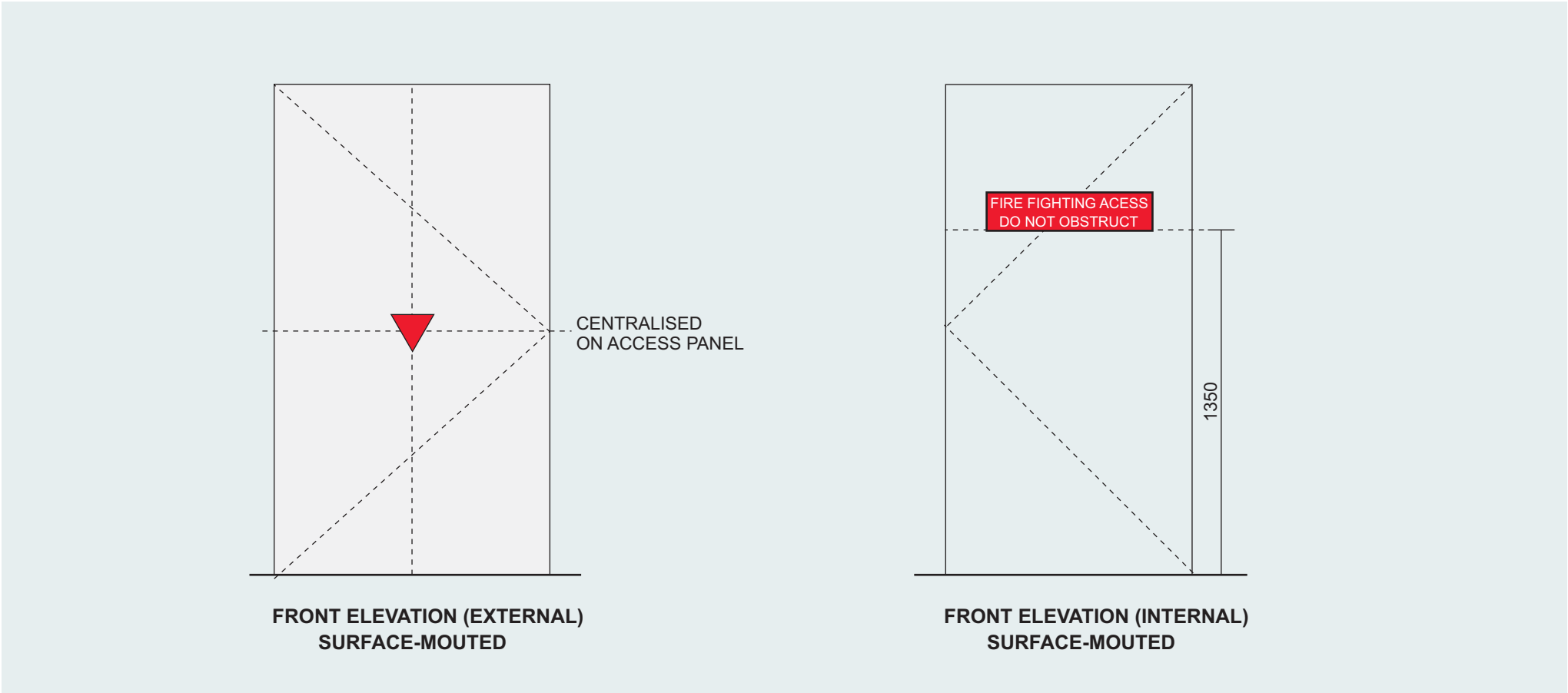
- See illustration
- Always use the master softcopy for reference

Sign Code: FS7
Material and Construction

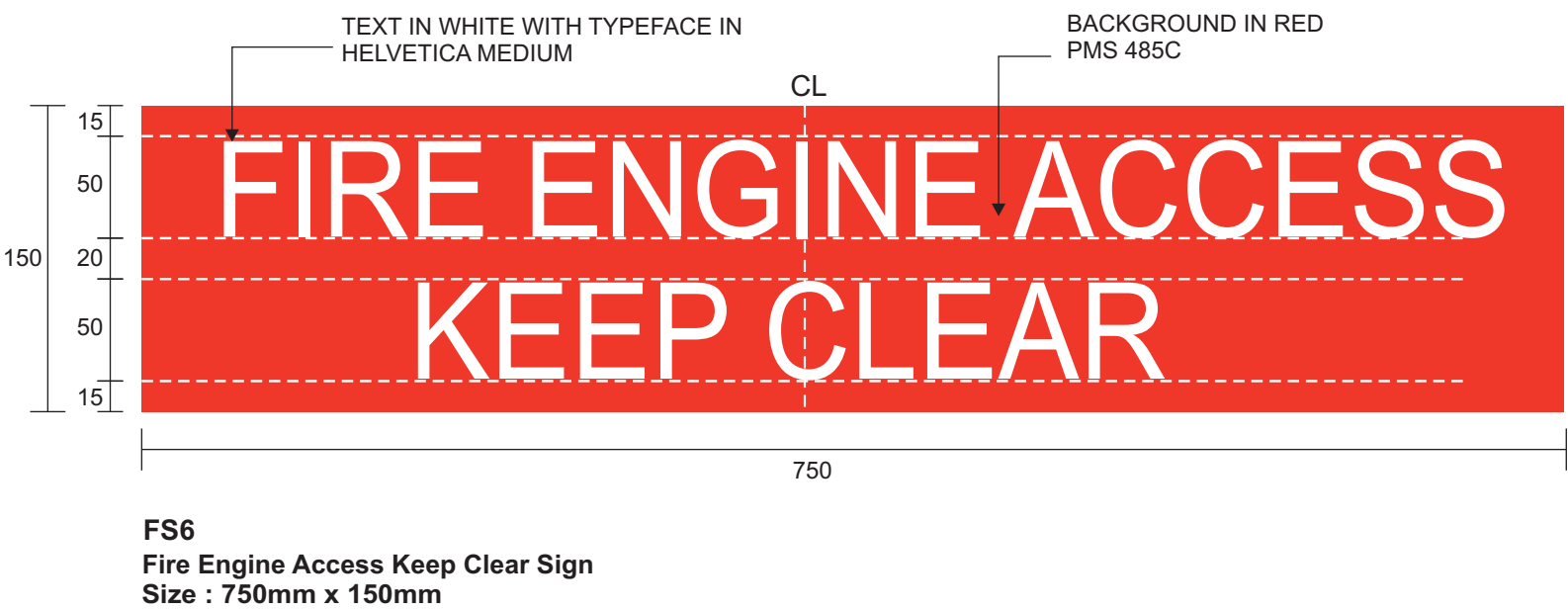
- Sign-face Panel:**
- Silkscreen Printed Text in White with Typeface in Helvetica Medium
 - Background in Prohibition RED - PMS 485C on 2mm thick powder-coated aluminium panel.
- Mounting:**
- Surface mounted with industrial strength self-adhesive vinyl.

Artwork and Graphics

- See illustration
- Always use the master softcopy for reference



Fire Engine Access Keep Clear Sign - FS6



Fire Engine Access Keep Clear Sign - Sign Code: FS6

The sign is a 'Fire safety' sign identifying the Fire Engine Access to fire-fighting equipment, hence the Red colour.

Location and Application

This sign is applicable only for stations with designated Fire Engine Access. This sign serves as a reminder to keep the Fire Engine Access clear of obstruction.

Material and Construction

Sign-face Panel:

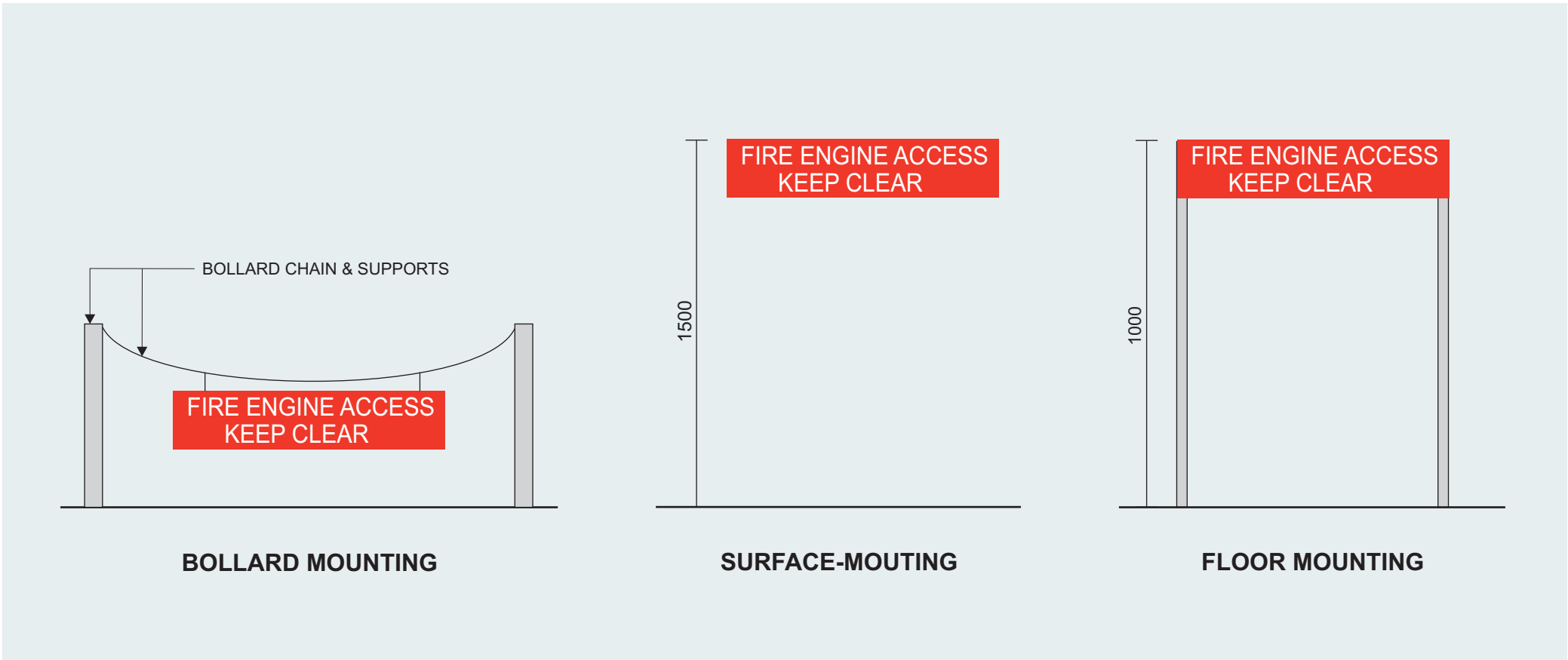
- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.
- Background colour in Prohibition Red; PMS 485C
- The background red colour shall also be finished on the rear of the panel

Mounting:

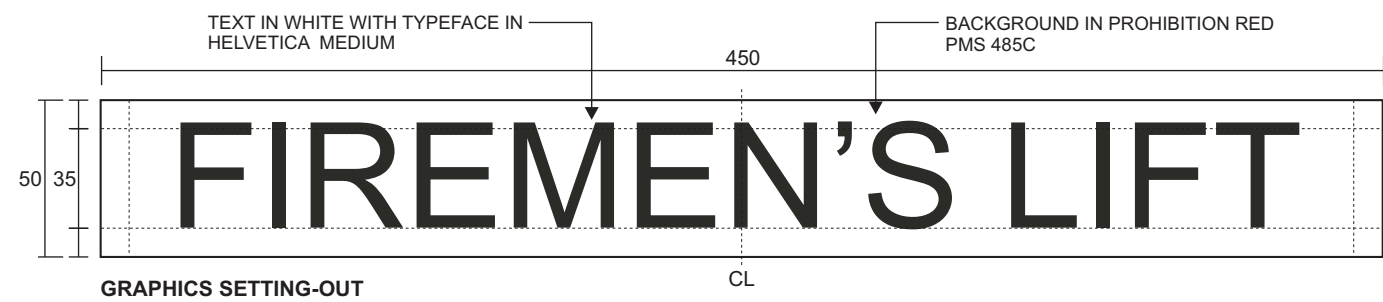
- Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape.
- Other surfaces - additional polycarbonate backing with stainless steel screws and wall-plugs.
- Floor-mounted on 50mm x 25mm extruded aluminium post with powder-coated RAL 7012 finish.
- Bollard chain mounted

Artwork and Graphics

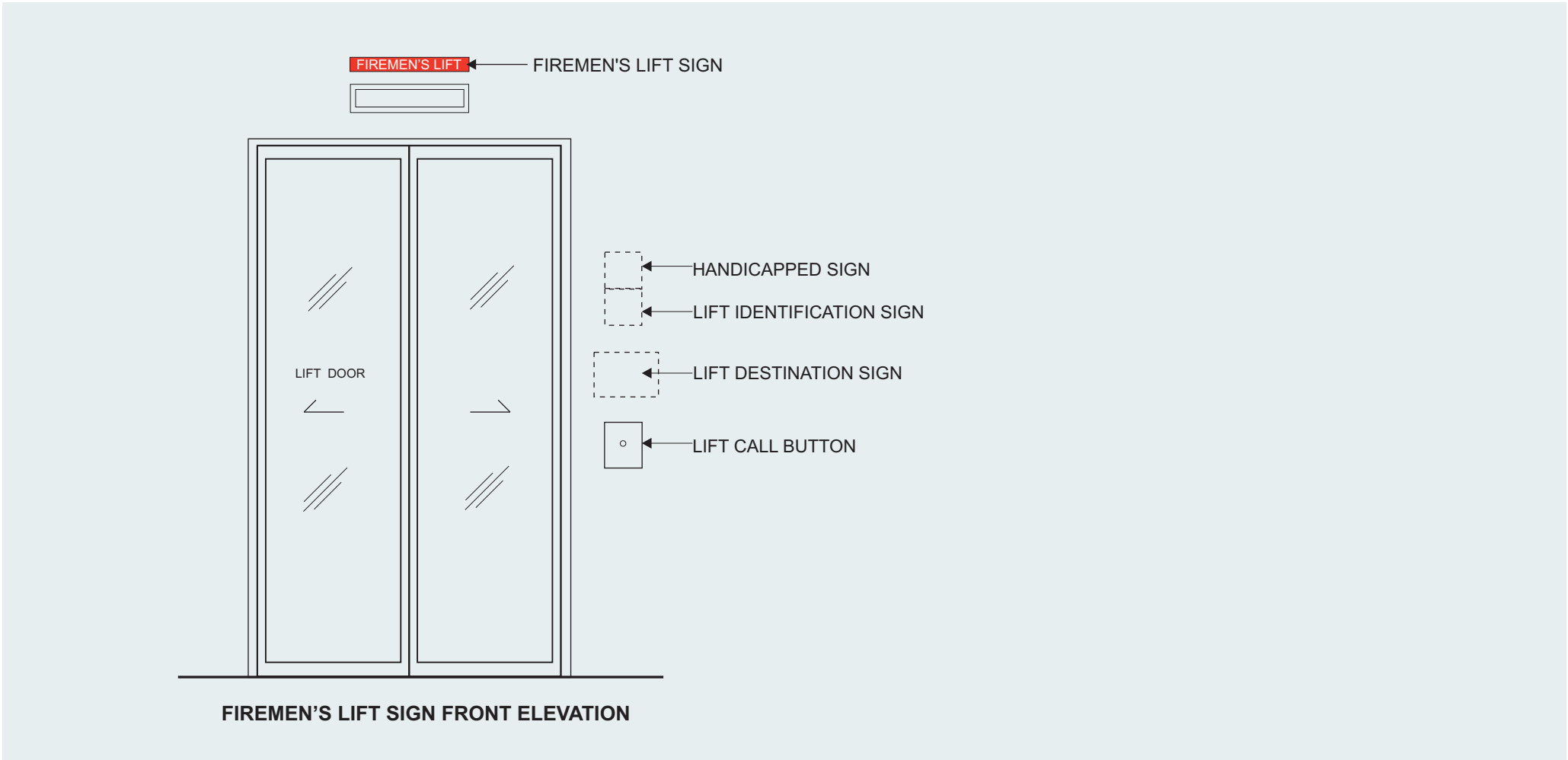
- See illustration
- Always use the master softcopy for reference



Firemen’s Lift Sign - FS8



FS8
Firemen’s Lift Sign
Size : 450mm x 50mm



Firemen’s Lift Sign - Sign Code: FS8

The sign identifies 'Fire safety equipment', hence the Red colour.

The sign is a 'Fire safety' sign identifying the designated Firemen's Lift.

Location and Application

Above the lift level indicator.

Material and Construction

- Sign-face Panel:**
- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.
 - Background colour in Prohibition Red; PMS 485C
- Mounting:**
- Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape.
 - Other surfaces - additional polycarbonate backing with stainless steel screws and wall-plugs.

Artwork and Graphics

- See illustration
- Always use the master softcopy for reference

- NOTE:**
- The intent of the manual is solely for the purpose of system-wide graphical consistency in representation of signs to the public.
 - The Reference Manual does not purport to correctly interpret nor supercede the statutory regulations which govern the application of these signs. The relevant statutory regulations shall always take precedence over the Reference Manual.
 - In the event that the Qualified Person(QP) identifies standards in the Reference Manual which he deems is non-compliant with statutory regulations, he shall then highlight and advise the Authority and ensure compliance.
 - The Reference Manual does not relieve the QP of his responsibility to comply with all statutory regulations on signage requirements.

Fire Hose Sign - FS13



TEXT IN HELVETICA MEDIUM IN WHITE COLOUR
WITH BACKGROUND IN PROHIBITION RED PMS 485C

FS13
Fire Hose Sign
Size : 250mm x 150mm



GRAPHICS SETTING-OUT

Fire Hose Sign - Sign Code: FS13

The sign identifies the Fire Hose, a 'Fire safety equipment', hence the Red colour.

* * The application of the graphics, material and finishes of this sign stipulated in this Reference Manual covers only those in **Public Areas**.

* * Other similar signs in the **Non-Public Areas** may be supplied by the equipment supplier in other graphics, materials and finishes, as long as they comply with the current statutory regulations.

* * For equipment in the Public Areas, other messages required e.g. instructions on usage of Fire-hosereel, shall be provided by the equipment supplier.

Location and Application

At or around the fire-safety equipment or on access hatch doors.

Material and Construction

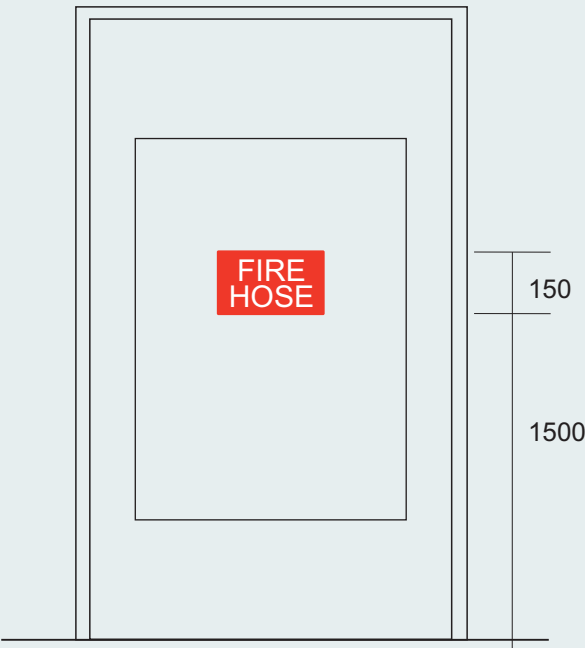
- Sign-face Panel:**
- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.
 - Background colour in Prohibition Red; PMS 485C

- Mounting:**
- Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape.
 - Other surfaces - additional polycarbonate backing with stainless steel screws and wall-plugs.

Artwork and Graphics

- See illustration
- Always use the master softcopy for reference

- NOTE:**
- The intent of the manual is solely for the purpose of system-wide graphical consistency in representation of signs to the public.
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FRONT ELEVATION HATCH DOOR

'EXIT' Sign - FS16 series



FS16
'EXIT' Sign
Size : 387mm x 150mm



FS16c
'EXIT' Sign
Size : 387mm x 150mm

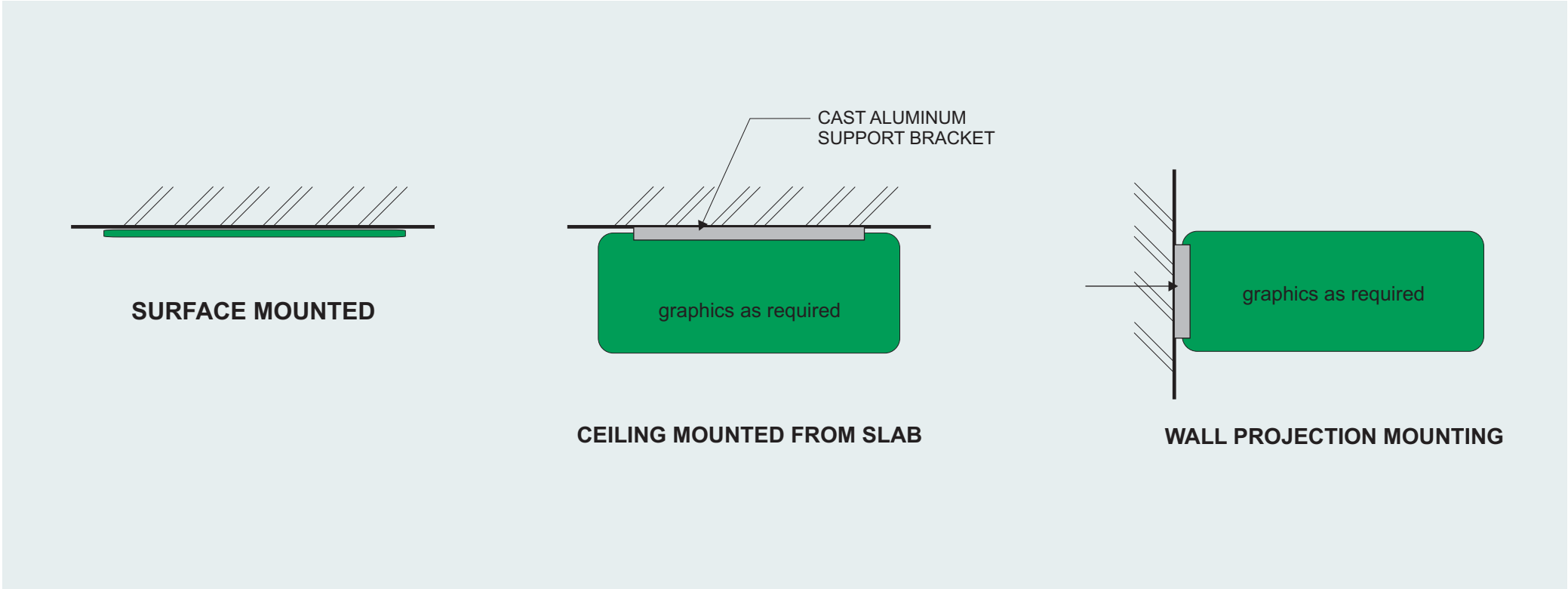


FS16a
'EXIT' Sign
Size : 387mm x 150mm



FS16b
'EXIT' Sign
Size : 387mm x 150mm

All corners to be round to radius> 25mm



'EXIT' Sign (Non-Illuminated) - Sign Code: FS16

Location and Application

This sign is applicable only for stations with designated Fire Engine Access. This sign serves as a reminder to keep the Fire Engine Access clear of obstruction.

Material and Construction

Sign is non-illuminated.

Sign-face Panel:

- The 'EXIT' sign and directional arrows graphics setting-out shall be in accordance with the requirements specified in the latest Singapore standard CP19.
- Background colour in Green: PMS 355C
- Text and arrows in retro- reflective vinyl (engineering grade).

Mounting:

- Surface-mounted: Industrial-strength double-sided adhesive tape.
- Ceiling mount and wall projection mount using cast aluminium support bracket.

Artwork and Graphics

- See illustration
- Always use the master softcopy for reference

Lift Rescue Hooks Within Ceiling Sign - FS25



FS25
Lift Rescue Hooks Within Ceiling Sign
Size : 150mm x 150mm x 2mm

Lift Rescue Hooks Within Ceiling Sign - Sign Code: FS25

The sign is classified as a Fire-Safety sign, hence the Red colour.

Location and Application

The sign shall be provided to indicate the location of rescue hooks installed at the underside of the upper lift landing door head or in the ceiling space directly above the lift landing door.

Material and Construction

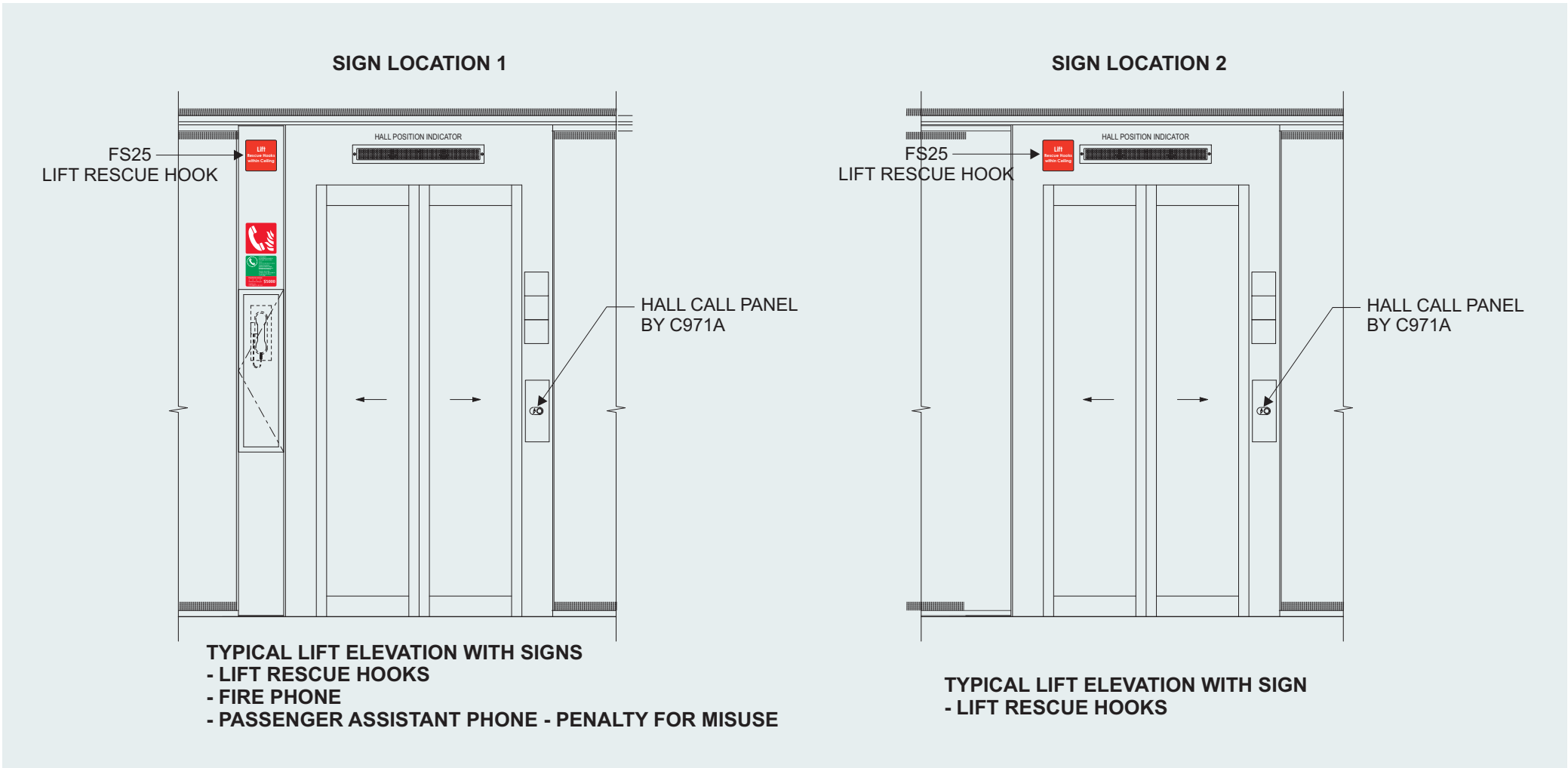
Sign is non-illuminated.

- Sign-face Panel:**
- Silkscreened graphics in White on 2mm thick powder coated aluminium panel.
 - Background colour in Prohibition RED: PMS 485C

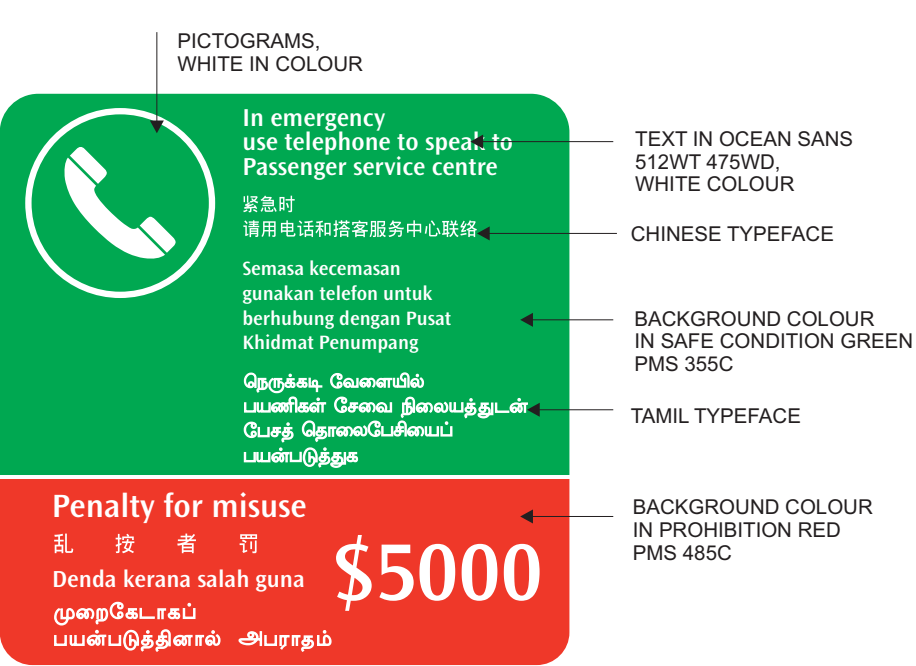
- Mounting:**
- Surface-mounted: Industrial-strength double-sided adhesive tape.

Artwork and Graphics

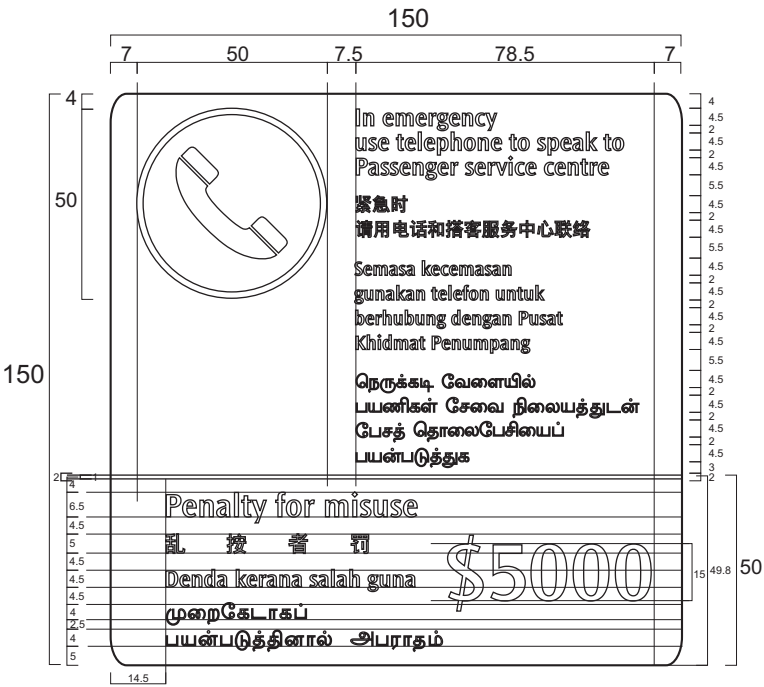
- See illustration
- Always use the master softcopy for reference



Warning on Misuse of Emergency Phone/Passenger Assistance Tel Sign - SW1(PAT)



SW1(PAT)
Warning on Misuse of Emergency Phone/Passenger Assistance Tel Sign
Size : 150mm x 150mm



GRAPHICS SPECIFICATION

Warning on Misuse of Emergency Phone/Passenger Assistance Telephone Sign - Sign Code: SW1(PAT)

* * The application of the graphics, material and finishes of this sign stipulated in this Reference Manual covers only those in **Public Areas**.

This sign advises on the use of the emergency phone, as well, as warns of a hefty fine if misused.

Location and Application

At or around the Emergency/Fire Phone. It should accompany the identification sign for the Emergency/Fire Phone.

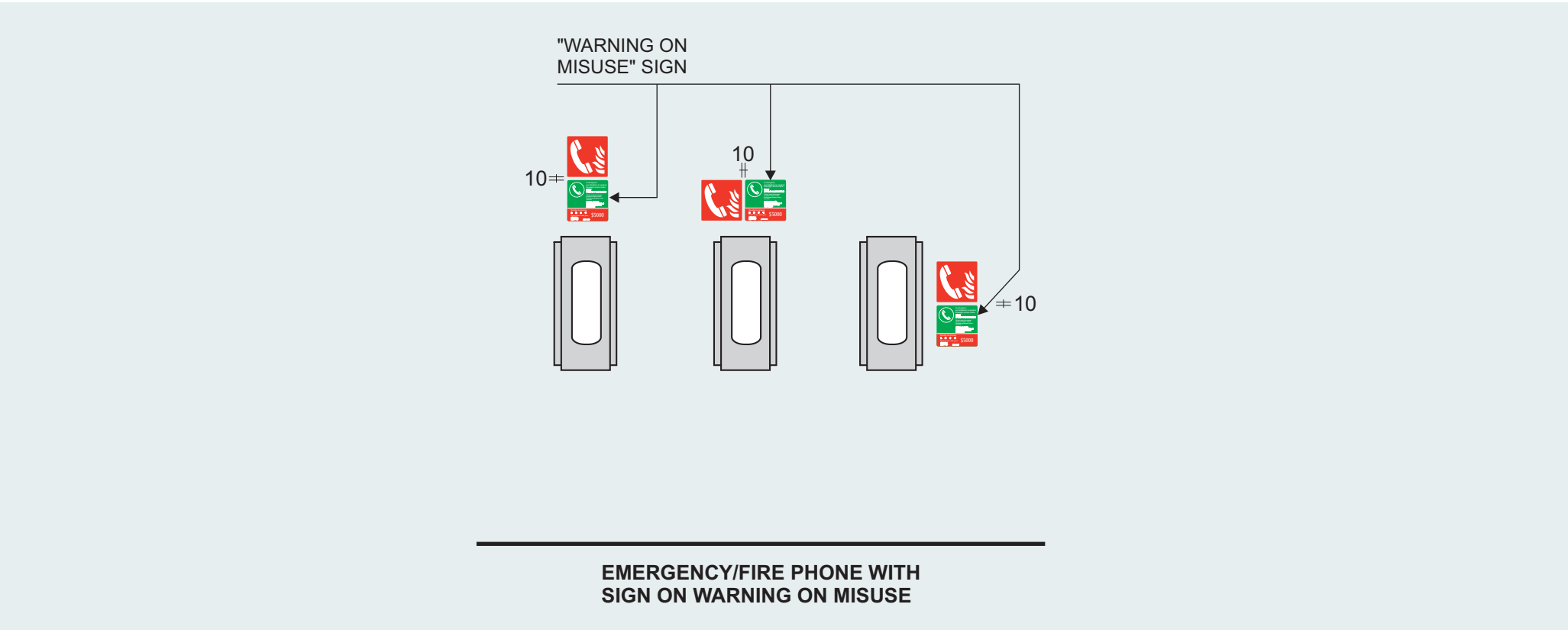
Material and Construction

- Sign-face Panel:
- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.
 - Background colour in Prohibition Red; PMS 485C

- Mounting:
- Surface-mounted on smooth surfaces with industrial-strength adhesive double-sided tape.
 - Other surfaces - additional polycarbonate backing with stainless steel screws and wall-plugs.

Artwork and Graphics

- See illustration
- Always use the master softcopy for reference



NO-ENTRY / DANGER WARNING Sign - SP1a



SP1a
NO-ENTRY / DANGER WARNING Sign
Size : 300mm x 300mm



SAMPLE APPLICATION AT END-PLATFORM DOORS

POSITIONS ARE INDICATIVE ONLY

No-Entry / Danger Warning Sign - Sign Code: SP1a (compact-format)

This sign is displayed as a warning against unauthorized entry into non-public zones which are dangerous to the public for opaque door/glass door.

Location and Application

This sign is displayed on doors especially those leading to the Buffer Zone, which care out of bounds to the public even during emergency evacuation. Care must be taken to sign this only at points beyond which there is no emergency-escape route for the public during emergency evacuation.

Note that SP1a (compact-format) is for opaque doors, louver doors, metal gates etc., whilst SP1b (horizontal-format) is for glass doors only.

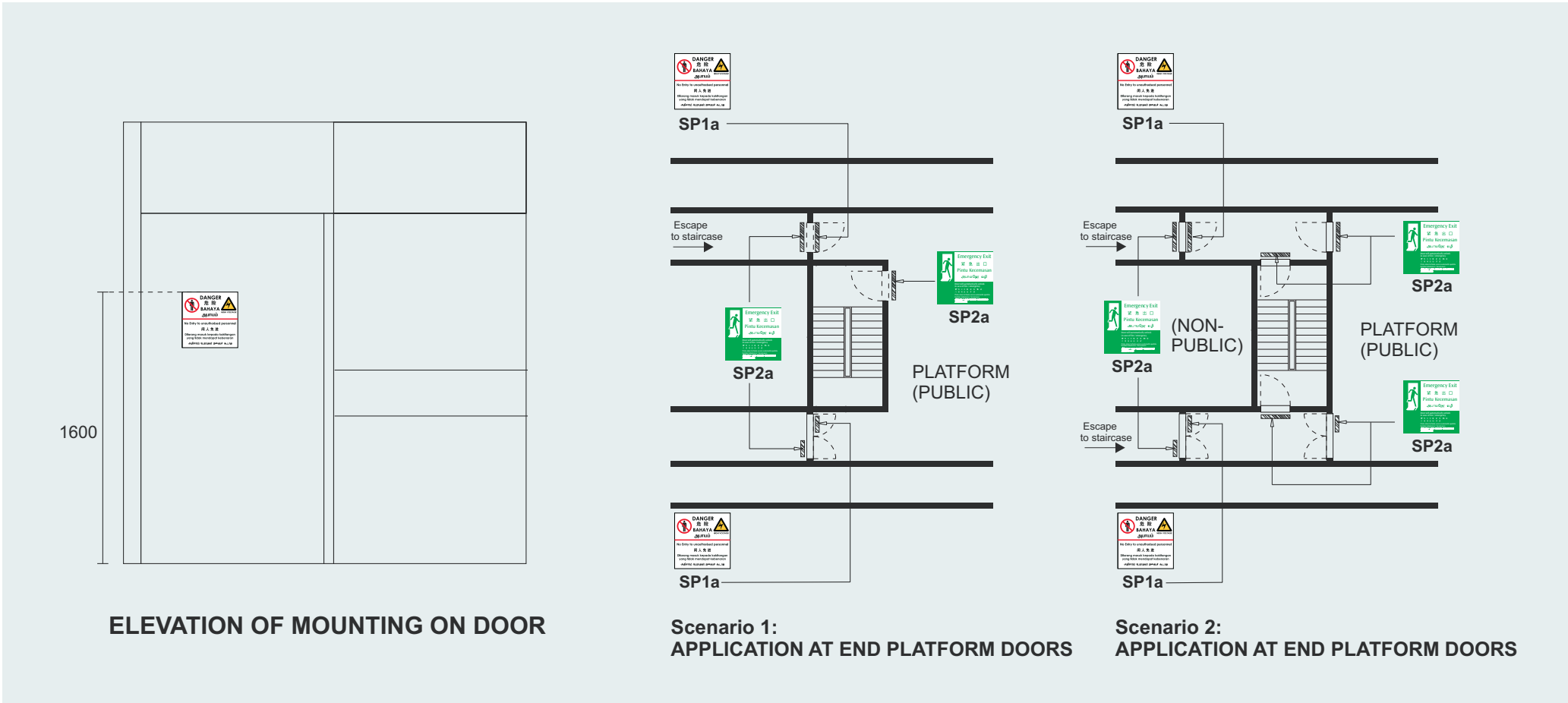
Material and Construction

Sign-face Panel:
Silkscreen-printed graphics on 2mm thick powder-coated aluminium.

Mounting:
Surface-mounted on smooth surfaces with industrial- strength double-sided adhesive tape
Surface-mounted on other surface types with stainless steel screws and wall-plugs

Artwork and Graphics

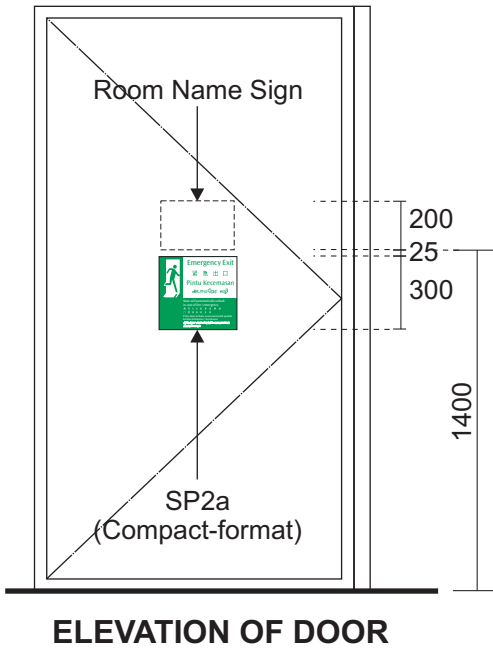
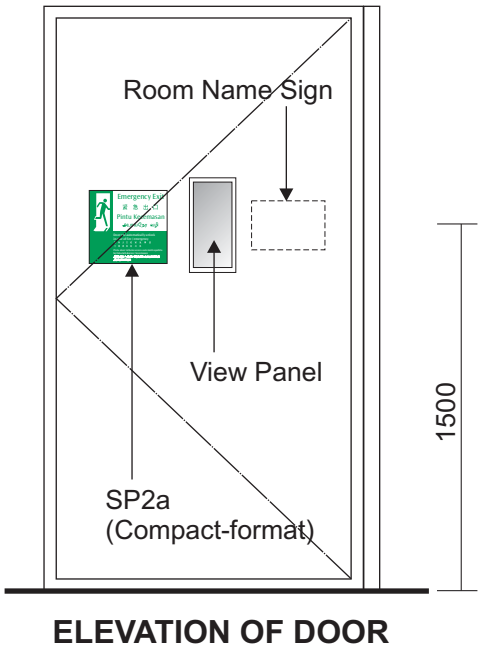
See illustration



Emergency Exit W/Pictogram of Man Running Sign - SP2a



SP2a
Emergency Exit W/Pictogram of Man Running Sign
Size : 320mm x 300mm



Emergency Sign W/Pictogram of Man Running Sign - Sign Code: SP2a

This sign displays the Emergency Exit doors for the public. This sign is a mean of escape/safe condition sign, hence the green colour. It informs commuters of the emergency escape route beyond this point. Of significance is the message that the door will be automatically unlocked in an emergency.

Location and Application

This sign is displayed on doors (normally locked) leading to the emergency escape route or staircase.

Care must be taken to sign this only at points beyond which there is no emergency-escape route for the public during emergency evacuation.

Care shall be taken to coordinate with other signs which might also be required on the door.

Material and Construction

Sign-face Panel:

- Silkscreen-printed graphics on 2mm thick powder-coated aluminium.

Mounting:

- On smooth surfaces - industrial-strength double-sided adhesive tape.
- On other surface types - stainless steel screws and wall-plugs.
- On louver doors - alternatively with aluminium rivets where allowed.

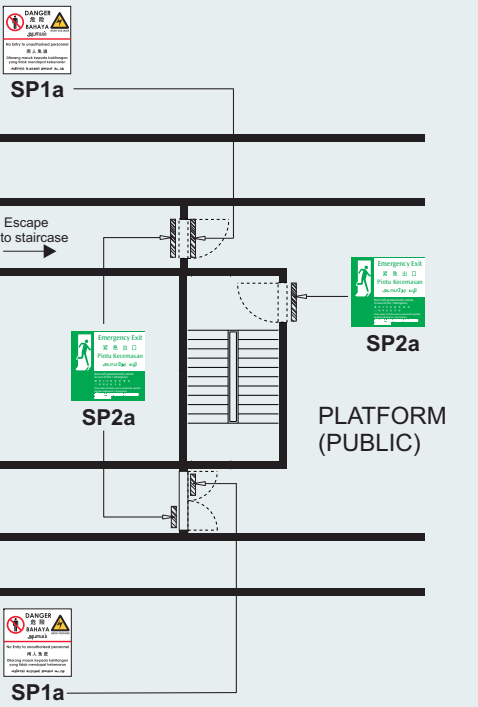
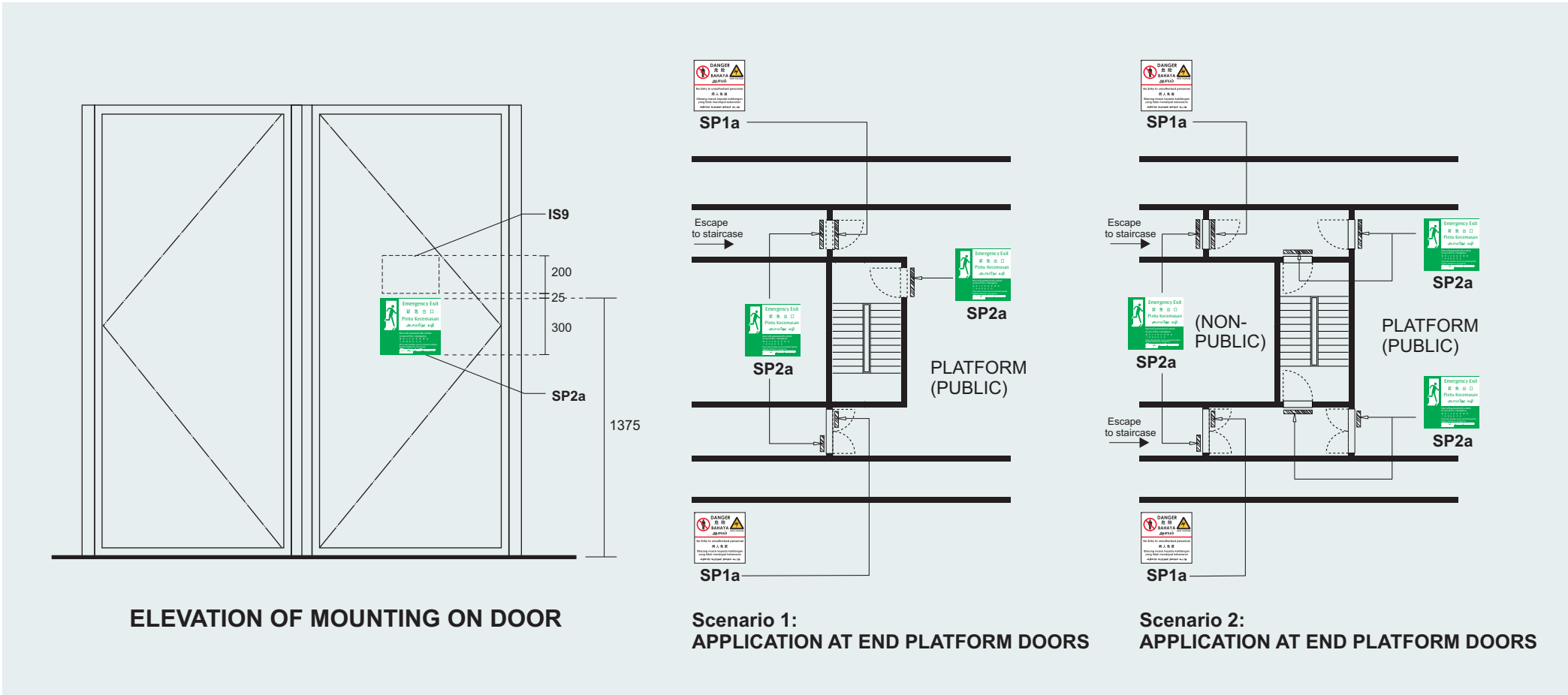
Artwork and Graphics

See illustration

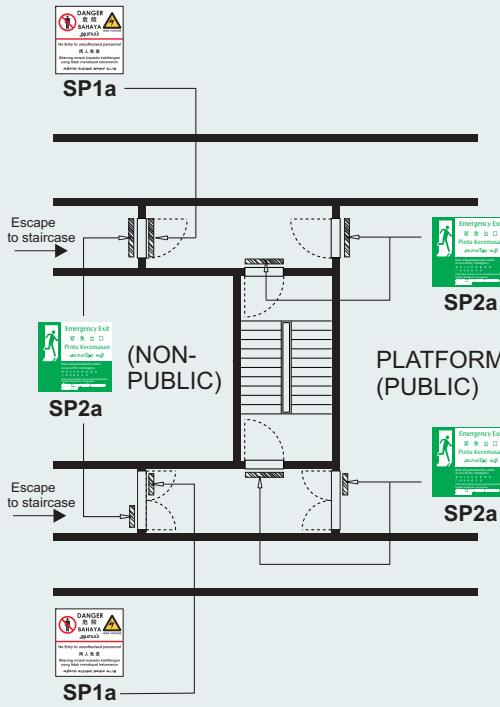
NOTE :

APPLICABLE FOR EMERGENCY EXIT/
FIREMEN'S STAIRCASE DOOR

ON DOORS AROUND END-PLATFORM
AREA LEADING TO FIRE-ESCAPE STAIRS

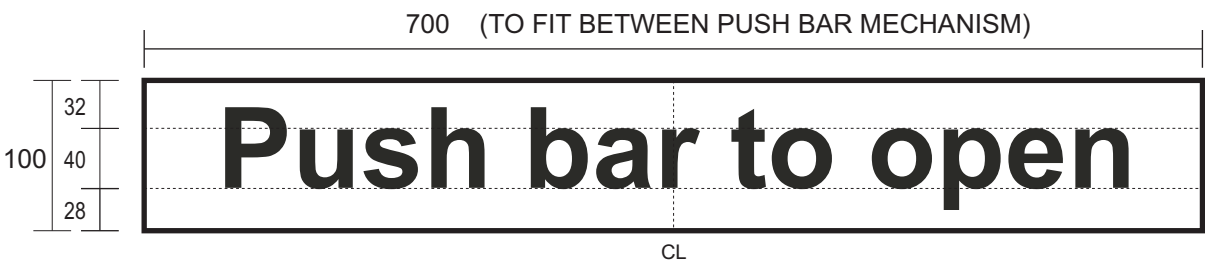


Scenario 1:
APPLICATION AT END PLATFORM DOORS



Scenario 2:
APPLICATION AT END PLATFORM DOORS

'PUSH BAR TO OPEN' Sign - FS17



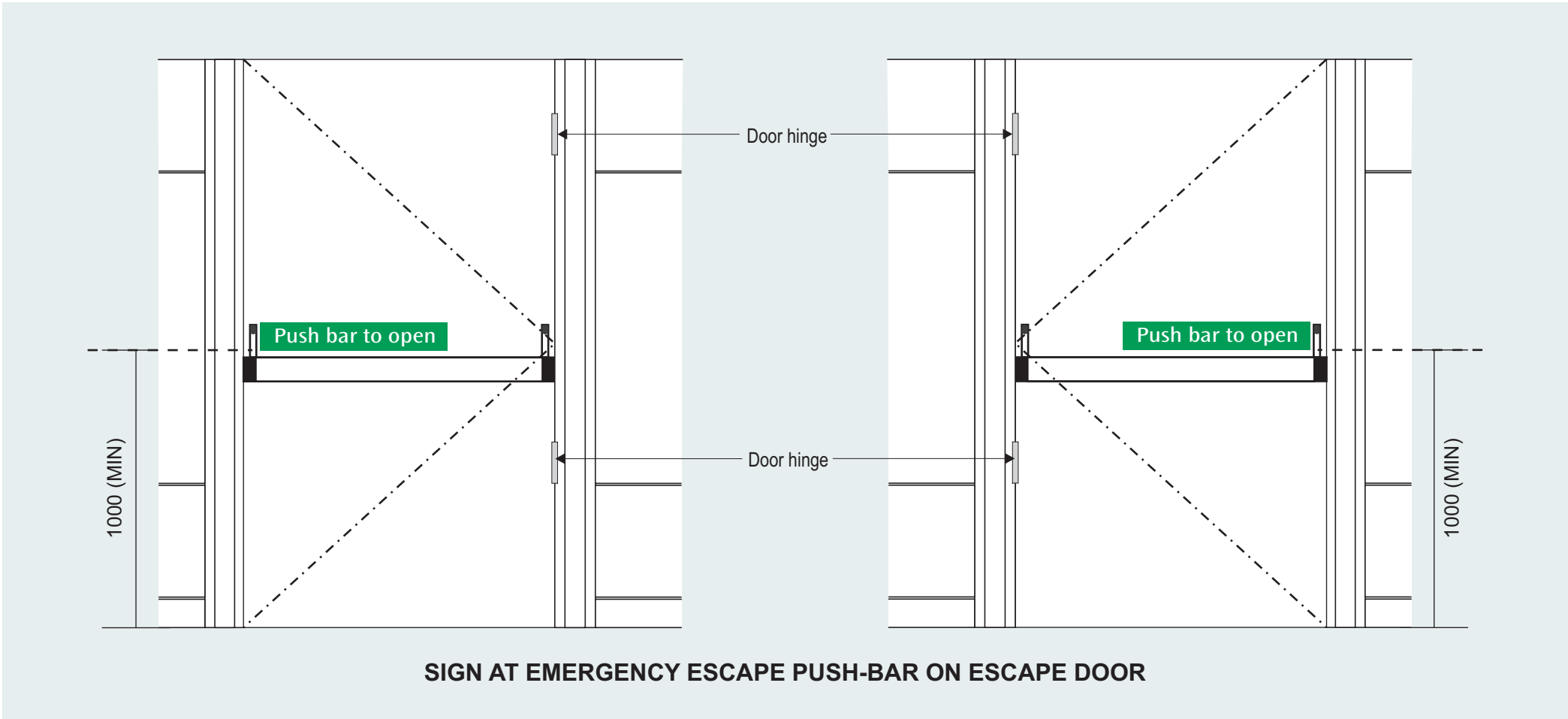
GRAPHICS SETTING-OUT



FS17
'PUSH BAR TO OPEN' Sign
Size : 700mm x 100mm

TEXT IN WHITE WITH TYPEFACE IN
HELVETICA MEDIUM

BACKGROUND COLOUR SAFE
CONDITION GREEN PMS 355C



'PUSH BAR TO OPEN' Sign - Sign Code: FS17

This sign is related to means of escape/safe condition sign, hence the green colour. It instructs commuters to push the handle during an emergency exit.

Location and Application

This sign shall be provided on all emergency escape doors with push-bars.

Material and Construction

Sign-face Panel:

- Silkscreen-printed graphics on opaque coloured vinyl sticker with a clear matt overlamine.

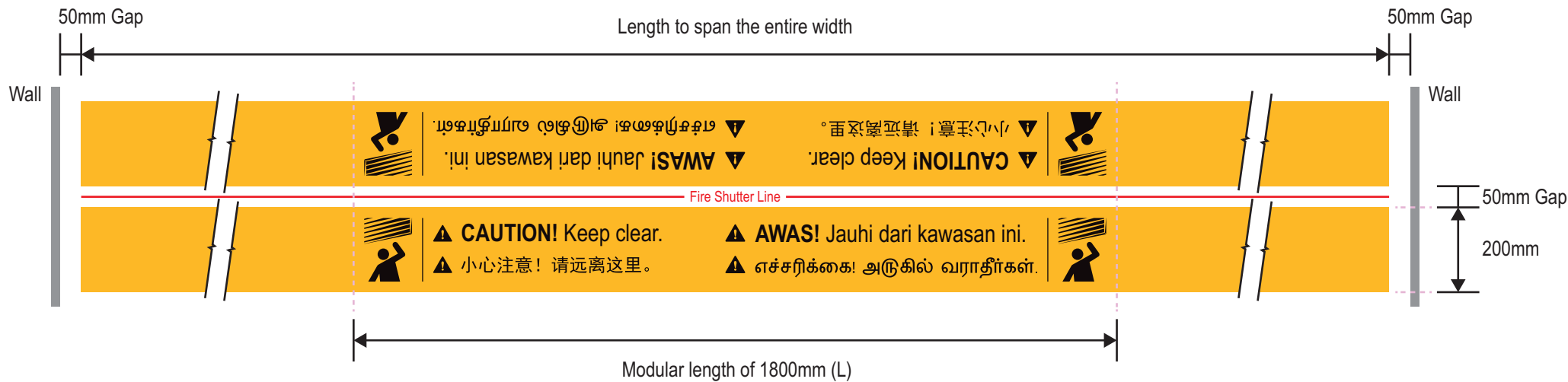
Mounting:

- Surface-mounted on smooth surface.

Artwork and Graphics

See illustration

FIRE SHUTTERS SAFETY/WARNING Sign - FS26



Fire Shutters Safety/Warning Sign - Sign Code: FS26

The safety/warning sign sticker is applied onto the floor to warn commuters of the danger of fire shutter activation.

Location and Application

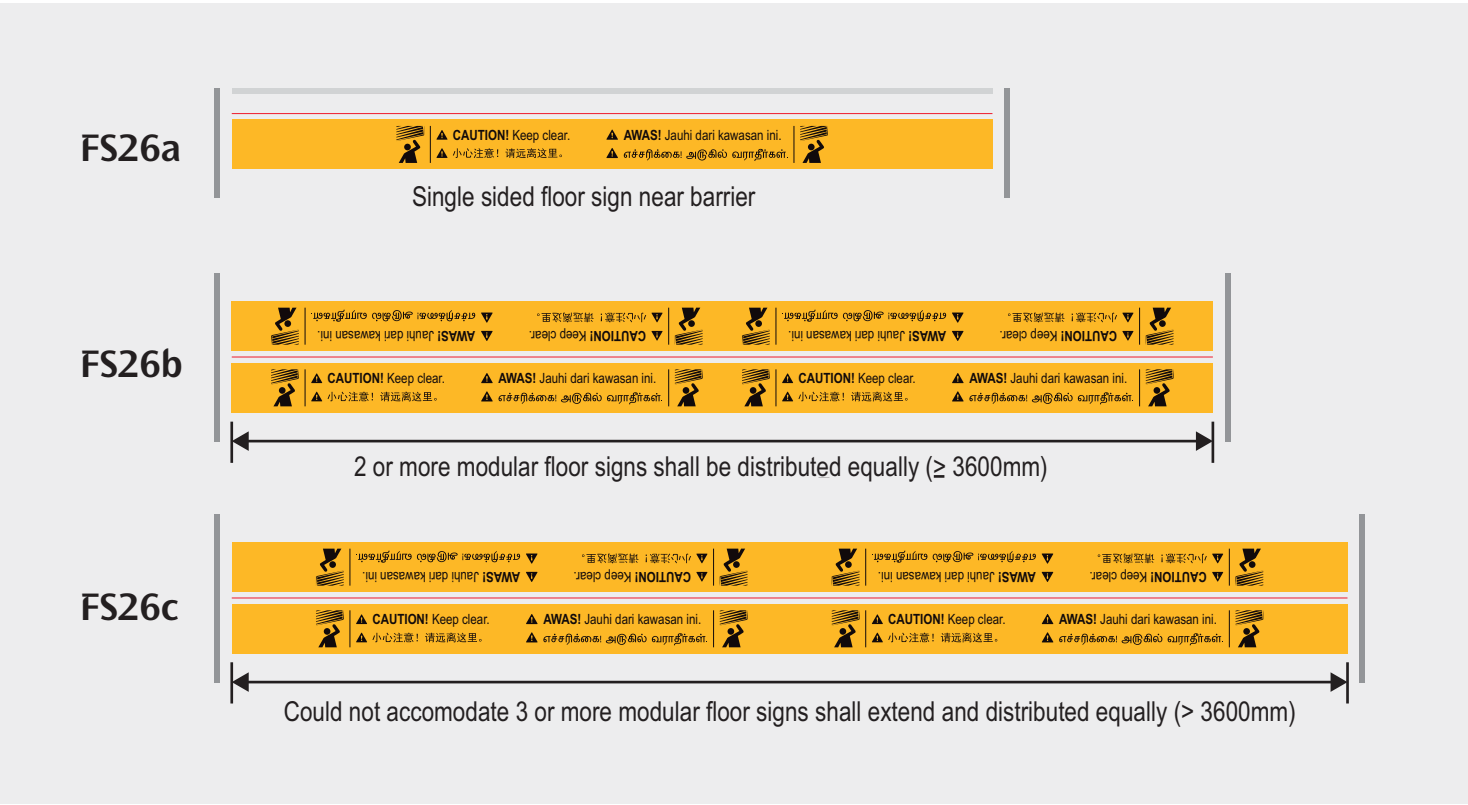
Located onto the floor where the fire shutters are installed in the ceiling.

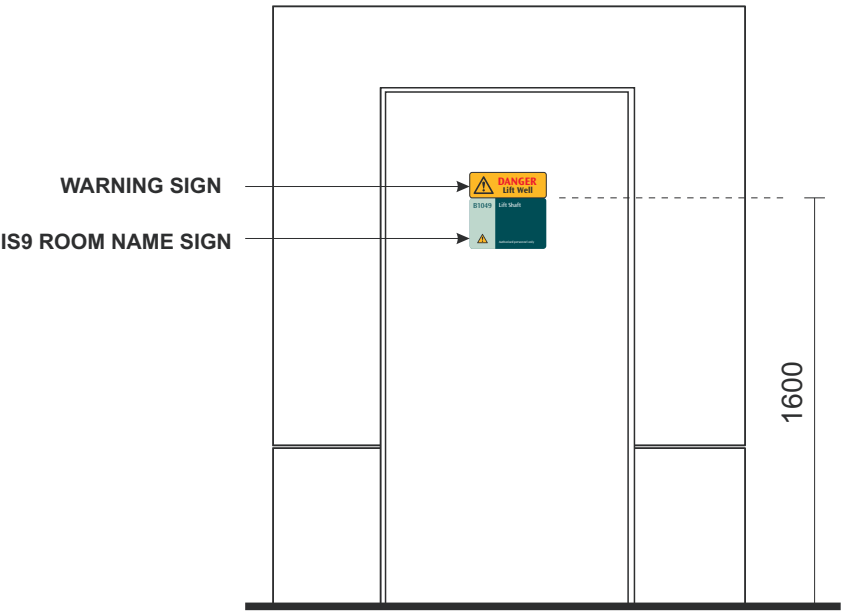
The length of the sticker sign in modular shall span the entire width of the fire shutters above.

The sticker sign is meant to prevent commuters from standing below a fire shutter when it is automatically lowered when the smoke and/or the fire alarm system is activated.

Material and Construction

- Material and Finish
- Materials are for special application as floor graphics: Digitally-printed graphics on vinyl sticker with matt overlamine; pasted directly onto floor finish.
 - Due to the demand for high performance, the materials shall be from a reputable manufacturer.
 - Print media (vinyl) for floor graphics:
 - Outstanding resistance to dirt and other environmental factors and wear from high foot traffic when protected by a compatible overlamine
 - Easily removable adhesive
 - Matt Overlamine for floor graphics:
 - Scuff-resistant protection
 - Outstanding resistance to dirt and other environmental factors and wear from high foot traffic.
 - Provide under dry conditions a slip/skid resistant walking surface for compatible graphic media for indoor floors. Skid resistance measurements of dry overlamine shall have a Coefficient of Friction of $\mu = 0.76$ (convert to SRV = 67).





DANGER Lift Well-Warning Sign - Sign Code: SW7

This sign is displayed as a warning sign on the door of a Lift Well

Location and Application

This sign is fixed above the standard room name sign on the room door.

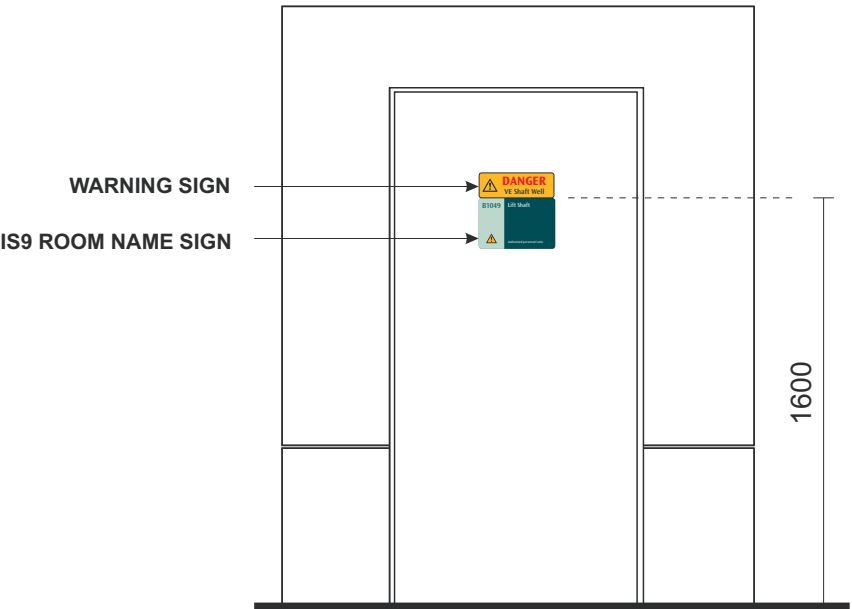
Material and Construction

- Sign-face Panel:**
- Silkscreen-printed graphics on 2 mm thk powder-coated aluminium plate.

- Mounting:**
- Surface-mounted on smooth surface.

Artwork and Graphics

See illustration



DANGER VE Shaft Well-Warning Sign - Sign Code: SW8

This sign is displayed as a warning sign on the door of a VE Shaft Well

Location and Application

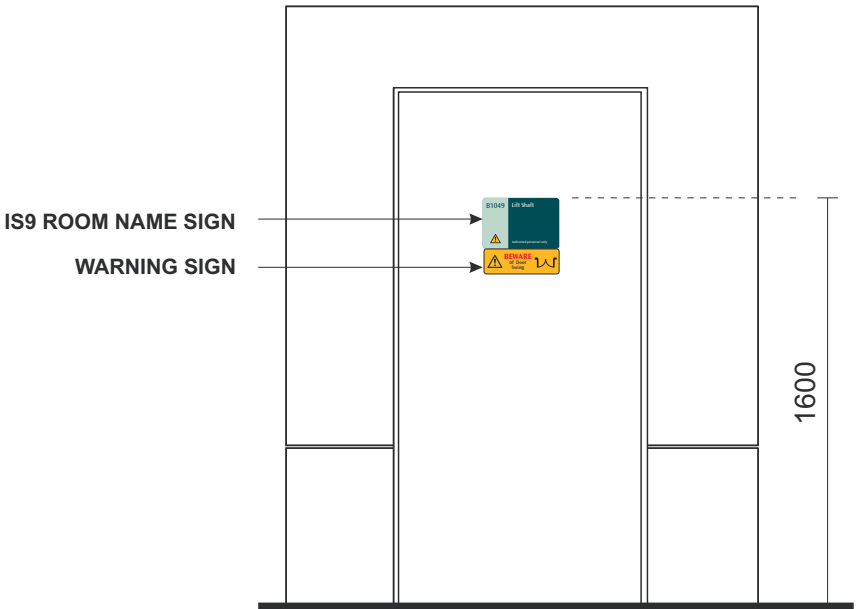
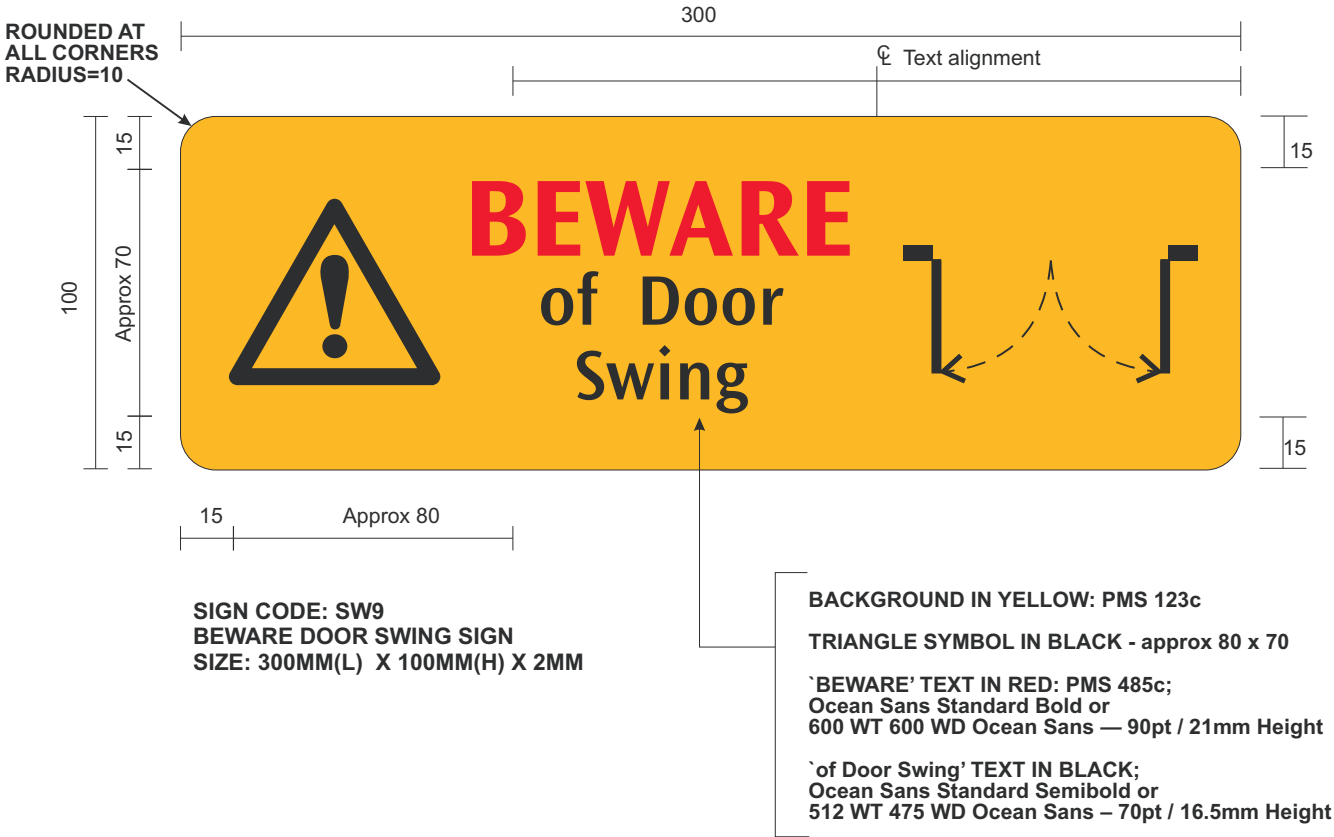
This sign is fixed above the standard room name sign on the room door.

Material and Construction

- Sign-face Panel:
- Silkscreen-printed graphics on 2 mm thk powder-coated aluminium plate.
- Mounting:
- Surface-mounted on smooth surface.

Artwork and Graphics

See illustration



Beware of Door Swing-Warning Sign - Sign Code: SW9

This sign is displayed as a warning sign against a door swinging out to a passageway/corridor.

Location and Application

This sign is fixed below the standard room name sign on the room door.

Material and Construction

- Sign-face Panel:
- Silkscreen-printed graphics on 2 mm thk powder-coated aluminium plate.
- Mounting:
- Surface-mounted on smooth surface.

Artwork and Graphics

See illustration

Civil Defence (CD) facility Sign



IS2(CD)
CD Station Identity Sign
Size : 390mm x 340mm



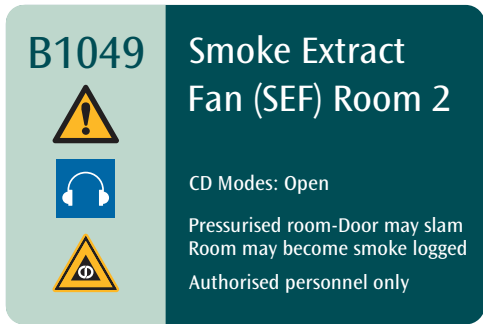
IS4(CD)
CD Station Identity Sign
Size : 450mm x 450mm



IS13(CD)
CD Label for Access Panels
Size : 65mm x 75mm



SP8(CD)
CD Marker for Platform End-Return Door Sign
Size : 200mm x 70mm



IS9
Typical Room Name Sign Plate (for CD facility)
Size : 300mm x 200mm

Signs for Civil Defence (CD) Facility

The application of CD signs shall be the responsibility of the Qualified Person(QP). It shall comply with all current and relevant statutory regulations on CD Shelter and standards for CD Signs. The QP shall consult the relevant authorities on the compliance with the current CD Shelter regulations.

Provision in Public and Non-Public Areas

Unless otherwise stated, the application of the signs stipulated in this Reference Manual covers both Public and Non-public Areas.

Other Provision for M&E Services Equipment

There may be other signage markings or messages required on M&E equipment. They shall be provided by the equipment supplier or installer.

Artwork

The pictograms must be reproduced from master artwork only, and must not be drawn or re-sized in any way. Refer to separate page for more details on identity element.

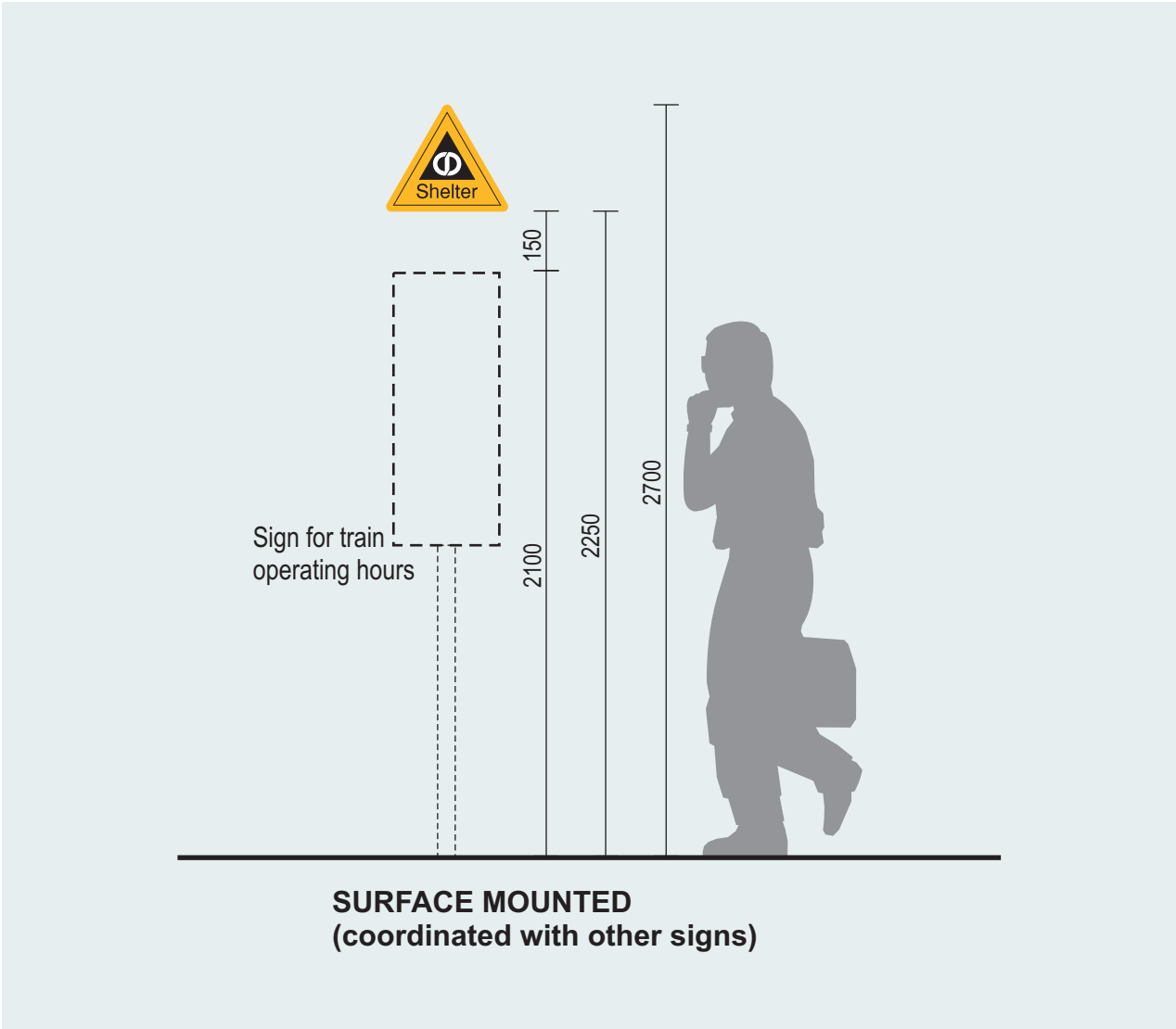
NOTE:

- The intent of the manual is solely for the purpose of system-wide graphical consistency in representation of signs to the public.
- The Manual does not purport to correctly interpret nor supercede the statutory regulations which govern the application of these signs. The relevant statutory regulations shall always take precedence over the Manual.
- It does not purport to cover all statutory signs required in the project. There may be other statutory signs required, not stipulated in the Reference Manual.
- In the event that the Qualified Person(QP) identifies standards in the Manual which he deems is non-compliant with statutory regulations, he shall then highlight and advise the Authority and ensure compliance.
- It does not relieve the QP of his responsibility to comply with all statutory regulations on signage requirements.

CD Facility Sign - IS2(CD)



IS2(CD)
CD Station Identity Sign
Size : 390mm x 340mm



CD Station Identity sign - Sign code: IS2(CD)

The sign identifies the station as a CD Shelter.

Location and Application

This sign shall be prominently displayed at all entry points (entrances) facing inbound commuter traffic. The sign shall be well coordinated with other signs around the entrances.

The difference between signs IS2(CD) and IS4(CD) is in the mounting

Material and Construction

- Sign-face Panel:
- 2mm thk Powder-coated aluminium panel with silkscreened pictogram graphics

- Mounting:
- Surface-mounted on smooth surfaces with industrial-strength double-sided tape
 - Surface-mounted on other surfaces with stainless steel screws and wall-plugs

Artwork and Graphics

See illustration

CD Facility Sign - IS4(CD)



IS4(CD)
CD Station Identity Sign
Size : 450mm x 450mm



CD Facility Identity sign - Sign code: IS4(CD)

The sign identifies the facility as a CD Shelter.

Location and Application

This sign shall be prominently displayed at all entry points (entrances) facing inbound commuter traffic. The sign shall be well coordinated with other signs around the entrances.

The difference between signs IS2(CD) and IS4(CD) is in the mounting. Sign IS4(CD) is applied where sign IS2(CD) cannot be surface-mounted due to design constraints.

Material and Construction

- Sign-face Panel:
- 2mm thk Powder-coated aluminium panel with silkscreened pictogram graphics
- Mounting
- Free-standing type, floor-mounted using powder-coated extruded aluminium post.

Artwork and Graphics

See illustration

CD Facility Sign - IS13(CD)



IS13(CD)
CD Label for Access Panels
Size : 65mm x 75mm

CD Facility-CD Label for Access Panels
Sign code: IS13(CD)

The sign identifies the access to relevant equipment during CD operational mode.

Location and Application

This sign shall mark CD-related wall and ceiling access panels, and mechanical and electrical services.

Quantity

It is advised to estimate a fixed quantity to be fabricated for each station e.g. 250 nos. per station.

The locations for installation shall be advised by the mechanical and electrical, and CD management teams.

There are other CD markers on specific equipment which shall be provided by the equipment supplier and installer.

Material and Construction

- Silkscreen-printed graphics on opaque coloured vinyl sticker with permanent adhesive.
- A clear matt over-laminate shall be applied over the front face

Mounting

- Surface-mounted : Industrial strength self-adhesive vinyl

Artwork and Graphics

See illustration

CD Facility Sign - SP8(CD)



SP8(CD)
CD Marker for Platform End-Return Door Sign
Size : 200mm x 70mm

CD Facility - CD Marker for Platform End-Return Door
Sign code: SP8(CD)

The sign marks the platform end-return door and serves as a reminder that it should be left open during CD mode.

Location and Application

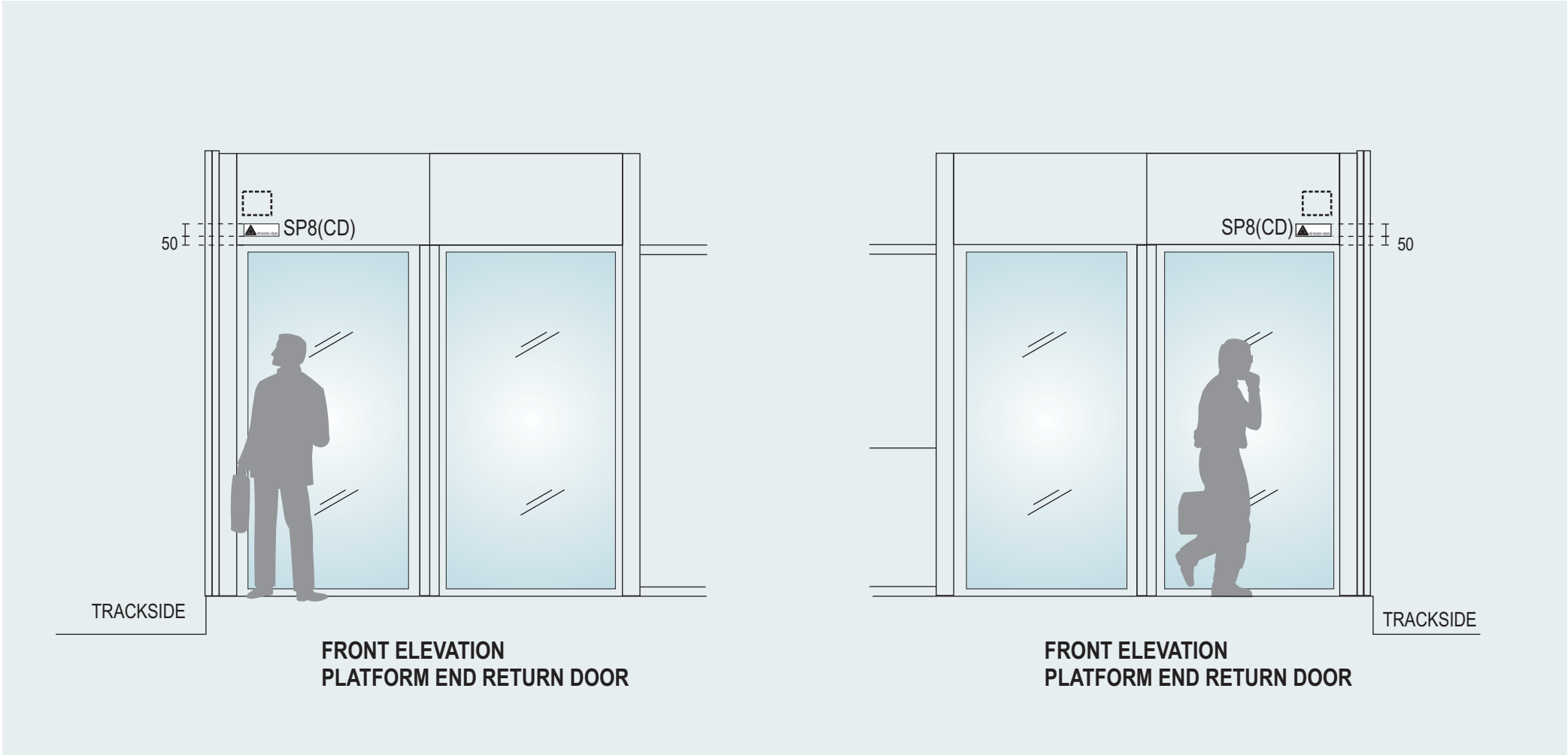
This sign is installed at the transom above the Platform End-Return Doors.

Material and Construction

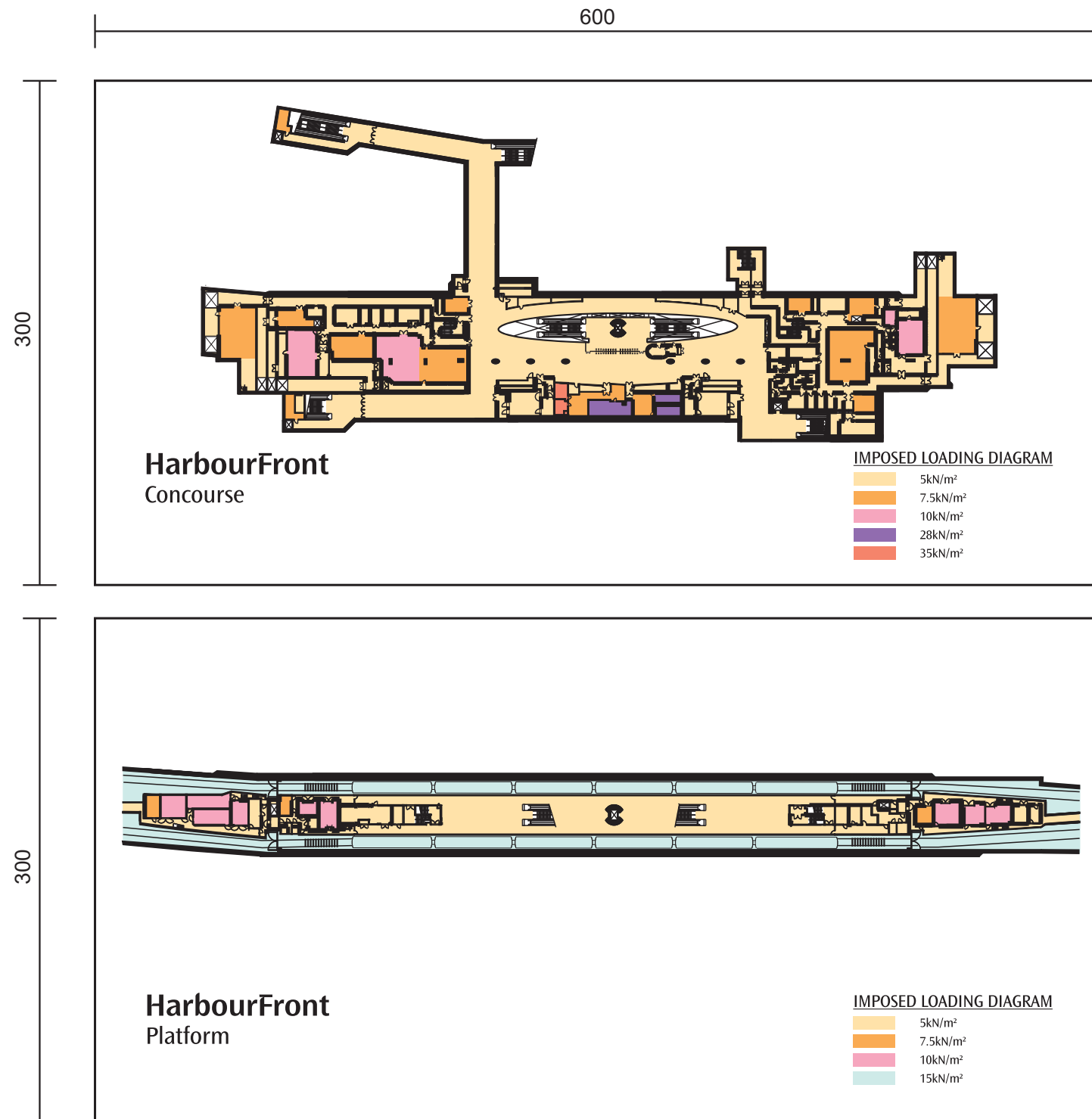
Reversed silkscreen-printed graphics on 2mm thick transparent, non-reflective polycarbonate with industrial-strength double-sided tape.

Artwork and Graphics

See illustration.



**Signs -
Miscellaneous**



SIGN FOR STRUCTURAL IMPOSED LOADING DIAGRAM
SIGN CODE: FLD
SIZE: 600 X 300

(PMS 656C)	2kN/m ²
(PMS 148C)	5kN/m ²
(PMS 263C)	6kN/m ²
(PMS 1505C)	7.5kN/m ²
(PMS 210C)	10kN/m ²
(PMS 457C)	11kN/m ²
(PMS 317C)	15kN/m ²
(PMS 2716C)	16kN/m ²
(PMS 393C)	20kN/m ²
(PMS 2582C)	28kN/m ²
(PMS 381C)	30kN/m ²
(PMS 178C)	35kN/m ²

**COLOUR SCHEME
FOR IMPOSED LOAD**

Reference Manual: Safety-Warning and Statutory signs

Floor Loading Diagram Sign code: FLD

The provision of floor loading diagrams is mandatory according to statutory regulations. The application of this sign is the responsibility of the Qualified Person (QP).

The relevant authority shall be consulted on the application of this sign.

These signs are intended for station staff and maintenance personnel.

Information on the structural imposed loading shall be obtained from the Professional Engineer (civil)/QP.

Application and Location

For security reasons, especially diagrams which show the entire station plan, it is advised to locate them away from public areas.

Suggested locations:-

- Entrance Level
 - Entrances would not need to have the sign unless there are other spaces integrated with the entrance.
- Concourse level
 - Station Master's office at the PSC
 - Passageways in the back-of-house areas immediately beyond the access door
 - Maintenance office
- Subway level
 - Passageways in the back-of-house areas immediately beyond the access door
 - If there are no back-of-house areas, the concern for security is not as important; it shall be located where it can be seen by station staff e.g. near public lift lobby.
- Platform
 - A minimum of 2 nos. at the platform level
 - Alternatively it can be located just beyond the end-platform doors.

Material and Construction

Silkscreen printed graphics on 2mm thk transparent, non-reflective polycarbonate.

Mounting

- Surface-mounted on smooth surfaces with industrial-strength double-sided tape.
- Surface-mounted on other surfaces with stainless steel screws and wall-plugs.

CCTV Operation Sign - CCTV series



CCTV1
CCTV Operation Sign (External)
Size : 450mm x 700mm x 2mm



CCTV2
CCTV Operation Sign (Internal)
Size : 225mm x 300mm



CCTV3
CCTV Operation Sign (Internal)
Size : 150mm x 200mm

CCTV Operation sign - Sign code: CCTV series

This sign is to inform the public that the premises is being monitored by security closed-circuit television camera.

Location and Application

Placement must be in the vicinity of CCTVs, within line-of-sight of commuters. For location of sign to refer to PTS requirement.

Sign Code: CCTV1

Transit premises: External e.g. Perimeter fences & Bicycle Park area

Sign Code: CCTV2

Transit facility premises: Internal e.g. entrances and concourse/platform areas.

Sign Code: CCTV3

In train carriages: Around each end of each carriage.

This smaller version may be used at Transit facility premises where there are space constraints (with the larger version).

Material and Construction

Sign is non-illuminated.

Sign-face Panel:

- For External sign, graphic in Blue vinyl cut-out on White vinyl pasted on anodised aluminium panel. All corners are rounded:
- Digitally-printed graphic on vinyl sticker with matt overlamine against a backing of 2mm thick clear polycarbonate or anodised aluminium.
- Backing of 2mm thick anodised aluminium:
 - Where circumstances requires it to be more rigid and durable, e.g. on a surface that is very undulating, ceiling hung versions, building exterior - along covered linkways, environments with high risk of vandalism, and exposed to the weather elements, etc.
- For limited usage, only:
 - Digitally-printed graphics on vinyl sticker with matt overlamine, pasted directly onto smooth finish for in-trains:.

Mounting

Surface-mounted: on smooth wall surfaces

- e.g. glass, metal-cladding, polished stone/tiles, etc.
- using very-high-bond double-sided adhesive tape.

Where the wall surface is not flat e.g. slates, louvres, bars, etc., the backing shall be aluminium screwed into to the slate/s, or pasted with double-sided adhesive tape, or secured with stainless steel brackets/screws/nuts/washers.

Surface-mounted: on Plastered wall surfaces:

- Wall-plugs and stainless steel screws

Floor-mount or Lamp-post clamped for External sign

Artwork and Graphics

White background with graphic in Mandatory Blue PMS301c