

Photoluminescent Sign Fire Alarm

2024 Product Data Sheet



Ecoglo “Fire Emergency Equipment” Signs allow you to quickly identify the location of the fire emergency equipment. Locating these fire emergency equipment quickly can put off the fire sooner and reduce injuries and ensure safety at your premises. The Signs will be clearly visible and readily understandable under all conditions of foreseeable use, including emergency conditions.

SIGN DEFINITION

Fire Alarm.

COMPLIANCE

Ecoglo “Fire Emergency Equipment” Sign are manufactured and designed to be used in engineered solutions to meet building codes in Singapore, Australia, New Zealand and any performance based jurisdiction around the world.

PERFORMANCE

30 minutes visibility

Minimum charging illuminance of 100 lux continuously during occupancy will ensure minimum luminance of 30 mcd for 30 minutes after failure of the main lighting.

90 minutes visibility

Minimum charging illuminance of 350 lux continuously during occupancy will ensure minimum luminance of 30 mcd for 90 minutes after failure of the main lighting.

UV Resistance – Loss of luminance after 1000 hours ASTM G-155 Cycle 1 exposure < 10%; Pass

Salt Spray Resistance - ASTM B117: Pass

Washability – ASTM D4828: Pass

Reaction to Fire - BS 476 Part 7: Class Two

Toxicity – BS 6853:1999 Annex B : Pass

Brightness - ISO 17398: 2004 : Class D (6760mcd/m² at 1 min, 967 mcd/m² at 10 min and 1 mcd/m² at 2138 min)

Radioactivity – Pass

SUPPLY

The products are available in 3 sizes - maximum viewing distance at 12 metre, 16 metre and 24 metre.

PRODUCT CODE	PRODUCT NAME	SIGN SIZE (mm)	MAXIMUM VIEWING DISTANCE
FARB1313-12m	Fire Alarm	133 x 133	12 metre
FARB1616-16m	Fire Alarm	162 x 162	16 metre
FARB2323-24m	Fire Alarm	230 x 230	24 metre

COMPOSITION

The high visibility flat panel is manufactured from 5005 0.9mm Aluminium sheet. Custom made photoluminescent pigment are embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature.

INSTALLATION

Installation is a simple process with polyurethane adhesive, screw and plug or using polyurethane adhesive only if drilling is not possible.

Recommended installation adhesive is Bostik Seal N Flex FC.

Recommended installation plug is Fischer Plug SX.



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