



The Ecoglo Door Handle Marker is designed to ensure visibility of door handles in escape routes for compliance with performance based building codes. The Door Handle Marker will be effective in all light conditions including during failure of the main lighting.

COMPLIANCE

The Door Handle Marker exceeds the specifications required to meet UL1994 and can be used in Performance Solutions to meet the performance requirements of building codes such as NFPA 101 Life Safety Code, International Fire Code (IFC), Building Code of Australia (BCA), and any other performance based building codes.

PERFORMANCE

30 Minutes Visibility Facilities

Minimum charging illuminance of 20 lux for 5 minutes will ensure visibility for 30 minutes after failure of the main lighting.

90 Minutes Visibility Facilities

Minimum charging illuminance of 60 lux for 5 minutes will ensure visibility for 90 minutes after failure of the main lighting.

120 Minutes Visibility Facilities

Minimum charging illuminance of 80 lux for 5 minutes will ensure visibility for 120 minutes after failure of the main lighting.

Daily exposure to daylight will substantially reduce the minimum charging requirements specified above.

Operating Temperature Range: -20°C to +40°C*

* For controlled environment (constant temperature) rooms below 0°C contact Ecoglo.

UV Resistance - Loss of luminance after 1000 hrs ASTM G-155 Cycle 1 exposure: <10%

Salt Spray Resistance – ASTM B117: Pass

Washability – ASTM D4828: Pass

Rate of Burning – ASTM D635: Pass

Surface Flammability - ASTM E162: Pass

Toxicity - Bombardier Toxic Gas Generation Test SMP800-C: Pass

Radioactivity - ASTM D3648: Pass

High Temperature Curing: Pass

SUPPLY

The product is available in 1 size – maximum viewing distance 24 metres.

PRODUCT CODE	PRODUCT NAME	MARKER DEFINITION	MARKER SIZE
S20-SQ-60	Door Handle Marker	Not applicable	60mm x 60mm

COMPOSITION

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



INSTALLATION

The Door Handle Marker is supplied with pre-fitted release tape for mounting flat on a door.

Contact

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