



The Ecoglo “Door Handle Marker” is designed to ensure visibility of door handles in escape routes to meet NZBC Clause F6 “Visibility in Escape Routes”. The door handle marker will be effective during failure of the main lighting.

## COMPLIANCE

The Ecoglo Door Handle Marker can be used in F6 Alternative Solutions as detailed below.

Phone Ecoglo or email [Engineer@ecoglo.com](mailto:Engineer@ecoglo.com) for design advice for alternative solutions.

## PERFORMANCE

### Risk Group C Building

30 minutes visibility

Minimum charging illuminance of 20 lux continuously during occupancy.

### Risk Group B Building

90 minutes visibility

Minimum charging illuminance of 60 lux continuously during occupancy.

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

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

## 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 marker is supplied with pre-fitted release tape for mounting flat on a door.

## Contact

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