



SIGN FLAT ON A DOOR

Ecoglo passive photoluminescent signs are designed to be used in and about buildings to identify escape routes to meet NZBC Clause F8 'Signs'.

SIGN DEFINITION

Use this door only to exit in an emergency.

COMPLIANCE

F8/AS1 requires photoluminescent (PL) signs to be charged with 100 lux illumination. Ecoglo passive PL 'Emergency Exit' signs can be used in F8 alternative solutions.

Note: For buildings where the fire safety design has been carried out using C/VM2, sometimes the specific design may not be compatible with passive photoluminescent signage.

We recommend using Ecoglo Hybrid signs in those situations.

PERFORMANCE

For indoor use, this sign is ideal in well lit occupied spaces of small - medium buildings such as schools, early childcare centres, and factory or warehouse units. If there is doubt whether the charging light is suitable, we recommend using an Ecoglo Hybrid internally illuminated photoluminescent sign instead.

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%: 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

High Temperature Curing: Pass

COMPOSITION

The high visibility flat panel is manufactured from 5005 0.9mm alumin-

ium 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

Standard signs are supplied with fixers for mounting flat on a door or wall.

ORDERING

The sign is available in 2 sizes with maximum viewing distances of 16 and 24 metres.

PRODUCT CODE	PRODUCT	SIGN SIZE	MAXIMUM VIEWING DISTANCE
Standard Signs			
S20-EE6128-16m	Emergency Exit	610mm x 280mm	16 metres
S20-EE7835-24m	Emergency Exit	785mm x 350mm	24 metres

Contact

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