



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

Travel in this direction.

COMPLIANCE

F8/AS1 requires photoluminescent (PL) signs to be charged with 100 lux illumination. Ecoglo passive PL 'Arrow' 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.

For outdoor use, this sign can be used for all buildings including locations set back up to 3 metres inside a canopy.

Note: When installed in locations exposed to UV radiation, the outdoor coated version should be used to protect the printing on the sign.

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 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

Standard signs and outdoor signs are supplied with fixers for mounting flat on a wall. Brackets for ceiling or flag mounting are also available.

ORDERING

The sign is available in 3 sizes for use with other F8 signs.

PRODUCT CODE	PRODUCT	SIGN SIZE
Standard Signs		
S20-AR1313	Arrow	133mm x 133mm
S20-AR1616	Arrow	162mm x 162mm
S20-AR2323	Arrow	230mm x 230mm
Outdoor Coated Signs		
S20-AR1313C-16m	Arrow	133mm x 133mm
S20-AR1616C-24m	Arrow	162mm x 162mm
S20-AR2323C-16m	Arrow	230mm x 230mm
Mounting Brackets (Take one sign or two signs back to back)		
BR1-133	Ceiling Mount Bracket for S20-AR1313 signs	
BR1-162	Ceiling Mount Bracket for S20-AR1616 signs	
BR1-230	Ceiling Mount Bracket for S20-AR2323 signs	
BR1-133	Flag Mount Bracket for S20-AR1313 signs	
BR1-162	Flag Mount Bracket for S20-AR1616 signs	
BR1-230	Flag Mount Bracket for S20-AR2323 signs	

Chain suspension is also available.

Contact

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