



Ecoglo "Arrow" S20 Signs are designed to be used in and about buildings to identify escape routes for compliance with performance based building codes. The signs will be clearly visible and readily understandable under all conditions of foreseeable use, including emergency conditions.

SIGN DEFINITION

Travel in this direction.

COMPLIANCE

Ecoglo S20 signs have been independently tested in accordance with UL924 for use 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 55 lux for 10 minutes will ensure minimum luminance of 30 mcd for 30 minutes after failure of the main lighting.

90 Minutes Visibility Facilities

Minimum charging illuminance of 200 lux for 10 minutes will ensure minimum luminance of 30 mcd for 90 minutes after failure of the main lighting.

120 Minutes Visibility Facilities

Minimum charging illuminance of 300 lux for 10 minutes will ensure minimum luminance of 30 mcd for 120 minutes after failure of the main lighting.

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

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

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

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 3 sizes.

PRODUCT CODE	PRODUCT NAME	CEILING MOUNT BRACKET	FLAG MOUNT BRACKET
S20-AR1313	Arrow	BR1-133	BR1-133
S20-AR1616	Arrow	BR1-162	BR1-162
S20-AR2323	Arrow	BR1-230	BR1-230

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 standard sign is supplied with fixers for mounting flat on a wall.

Signs with brackets for ceiling or flag mounting are available - see order codes for signs and brackets below.

Mounting brackets take one sign or two signs back to back.

PRODUCT CODE	PRODUCT NAME	SIGN DEFINITION	SIGN SIZE
S20-AR1313	Arrow	Travel in this direction	133mm x 133mm
S20-AR1616	Arrow	Travel in this direction	162mm x 162mm
S20-AR2323	Arrow	Travel in this direction	230mm x 230mm

Chain suspension is also available.

Contact

Ecoglo International Limited

Email: info@ecoglo.com Web: www.ecoglo.com