



**Ecoglo "Double 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

Exit right or left from here.

#### 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.

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 High Temperature Curing: Pass

#### SUPPLY

The sign is available in 2 sizes - maximum viewing distance 16 metres and maximum viewing distance 24 metres.

Double sided versions are also available in the 2 sizes.

PRODUCT CODE	PRODUCT NAME	SIGN DEFINITION	SIGN SIZE	MAXIMUM VIEWING DISTANCE
S20-RMRL2916-16m	Double Arrow	Exit right or left from here	290mm x 162mm	16 metres
S20-RMRL4223-24m	Double Arrow	Exit right or left from here	420mm x 230mm	24 metres
DSS20-RMRL2916-16m	Double Arrow Double Sided	Exit right or left from here	290mm x 162mm	16 metres
DSS20-RMRL4223-24m	Double Arrow Double Sided	Exit right or left from here	420mm x 230mm	24 metres

#### 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	CEILING MOUNT BRACKET	FLAG MOUNT BRACKET
S20-RMRL2916-16m	Double Arrow	BR1-290	BR1-162
S20-RMRL4223-24m	Double Arrow	BR1-420	BR1-230
DSS20-RMRL2916-16m	Double Arrow Double Sided	BR1-290	BR1-162
DSS20-RMRL4223-24m	Double Arrow Double Sided	BR1-420	BR1-230

Chain suspension is also available.

#### Contact

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