



Ecoglo "Double Arrow" S20 Signs are designed to be used in and about buildings to identify escape routes to meet NZBC Clause F8 "Signs". 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 "Double Arrow" S20 signs can be used in F8 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 100 lux continuously during occupancy will ensure minimum luminance of 30 mcd for 30 minutes after failure of the main lighting.

##### Risk Group B Building

90 minutes visibility

Minimum charging illuminance of 350 lux continuously during occupancy will ensure minimum luminance of 30 mcd for 90 minutes after failure of the main lighting.

**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 products are 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. Mounting brackets are available for ceiling and wall fixing.

PRODUCT CODE	PRODUCT NAME	CEILING MOUNT BRACKET	WALL MOUNT BRACKET
S20-RMRL2916-16m	Double Arrow	B1-290	B1-162
S20-RMRL4223-24m	Double Arrow	B1-420	B1-230
DSS20-RMRL2916-16m	Double Arrow Double Sided	B1-290	B1-162
DSS20-RMRL4223-24m	Double Arrow Double Sided	B1-420	B1-230

#### Contact

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