

# Rapid Spec

## Ecoglo Photoluminescent Disaster Preparedness Signs

### A) DESCRIPTION

This document is to assist with specification and procurement of Ecoglo Photoluminescent Disaster Preparedness Signs which are used internationally wherever disaster preparedness signs are required.

The aluminium signs are available in various sizes to suit different locations.

This document is offered as a guide to experienced and knowledgeable construction professionals who assume full responsibility for its interpretation and use.

### B) WORKS SUMMARY

Disaster Preparedness Signs

### C) WARRANTY

**15 Year Warranty** on photoluminescent performance of HTC outdoor Signs (specially coated for outdoor conditions) when positioned outdoors.

### D) PRODUCTS

#### Disaster Preparedness Signs

High Luminance - YES

HTC - YES

#### Product Codes

S20-TE315290-HTC	S20-EA600475-HTC	S20-FHZ945580-HTC
S20-TE600475-HTC	S20-EA945580-HTC	S20-LS315290-HTC
S20-TE945580-HTC	S20-EAR315290-HTC	S20-LS600475-HTC
S20-TER315290-HTC	S20-EAR600475-HTC	S20-LS945580-HTC
S20-TER600475-HTC	S20-EAR945580-HTC	S20-VHZ315290-HTC
S20-TER945580-HTC	S20-EAL315290-HTC	S20-VHZ600475-HTC
S20-TEL315290-HTC	S20-EAL600475-HTC	S20-VHZ945580-HTC
S20-TEL600475-HTC	S20-EAL945580-HTC	S20-THZ315290-HTC
S20-TEL945580-HTC	S20-EC315290-HTC	S20-THZ600475-HTC
S20-SWS315290-HTC	S20-EC600475-HTC	S20-THZ945580-HTC
S20-SWS600475-HTC	S20-EC945580-HTC	S20-EHZ315290-HTC
S20-SWS945580-HTC	S20-FHZ315290-HTC	S20-EHZ600475-HTC
S20-EA315290-HTC	S20-FHZ600475-HTC	S20-EHZ945580-HTC
		S20-WDG

## E) TESTING NOTES

### **Luminance**

Disaster Preparedness Signs shall be independently tested as follows:

Excitation Condition (charging) – 20W Fluorescent lamp, 5000 lux for 60 minutes.

#### Pass Criteria

Minimum luminance of:

4,900 mcd/m<sup>2</sup> after 2 minutes; and

950 mcd/m<sup>2</sup> after 10 minutes; and

250 mcd/m<sup>2</sup> after 30 minutes; and

120 mcd/m<sup>2</sup> after 60 minutes; and

10 mcd/m<sup>2</sup> after 480 minutes.

### **HTC – High Temperature Curing**

High Temperature Curing

Independently tested by placing 3 samples in an oven at 150°C for 20 minutes and then examining the samples after removing from the oven.

#### Pass Criteria

The samples shall have no shrinkage, delamination, distortion, or yellowing.

## F) MANUFACTURER

Certified Zero Carbon Business Operations.

Certified ISO 9001-2015

At least 25 years manufacturing HTC products