F8 Alternative Solution Flowchart

How to check if an Ecoglo S20 sign will meet F8 with an Alternative Solution

OUESTION 1

Is the building Risk Group C* (Signs must be visible for 30 minutes after normal lighting fails)?



Contact Ecoglo to discuss possible solutions

Phone: 03 348-3781 Email: engineer@ecoglo.com



OUESTION 2

Is there at least 55 lux on the sign from normal electrical lighting (check lighting model or ask lighting professional)?



Contact Ecoglo to discuss possible solutions



QUESTION 3

Is the sign in an area that is occupied whenever the sign may need to be used (ie whenever anyone is occupying a space that has an escape route using the sign)?



Is there a management process (automatic or human)** to ensure the sign is always lit by daylight or electric lighting whenever it may need to be used?







Ecoglo signs will meet F8.

Send plans showing location of exit signs and details of charging lighting to Ecoglo.

Specify that Ecoglo supplies alternative solution documentation.

Ecoglo S20 signs are not advised, however Ecoglo Hybrid signs are likely to be suitable. Contact Ecoglo to discuss.

* NZBC F6 definition for Risk Group C: a building with an evacuation time of less than 30 minutes, an occupant load no more than 1000, and whose occupants are not to remain in the building during an emergency.

** Effective management processes include:

- Lighting is switched on whenever the building's security alarm system is de-activated;
- Lighting is switched on by a conservatively programmed timer;
- A master switch is turned on by the first occupier that turns on all the required lighting;
- Lighting is switched on manually (only suitable for staff-only areas

 staff induction requires first occupier to switch on lighting, and
 clear instruction signs are permanently located by all relevant light
 switches);
- Signs are outdoors and required viewing distance is 50% of the signs rating.



Ecoglo International Limited

PO Box 7698, Sydenham 8240, 77 Kingsley Street, Sydenham 8023 Christchurch New Zealand

> Phone: 03 348 3781 Fax: 03 343 6821 Email: info@ecoglo.com

> > www.ecoglo.co.nz