

1. Product

Ⓢ **Everlux®** Photoluminescent safety signs

2. Product Description

Photoluminescent rigid plastic, 2 mm thickness, antistatic surface and easy to clean.

3. Application

According to Everlux catalogue, in chapter “Everlux”, sub-chapter “Evacuation Plan”.

Plans shall be permanently fixed and are intended to be located at positions where occupants can learn the means of escape and at strategic points of the escape route:

- On every floor at primary entry points to the building;
- Halls and corridors;
- Near lifts and stairs;
- In every room, e.g. hotel rooms and care homes⁽¹⁾;
- At appropriate training points, e.g. cafeterias, office centres, meeting rooms, etc;
- At principal Junctions and intersections.

⁽¹⁾ Evacuation Plans for hotels and care homes: should be fixed in the room or apartment door.

For further information, the Everlux Installation Guide should be consulted:



4. Fire reaction

Non inflammable, self-extinguishable (corresponds to fire resistance class M1).

The material has a good fire resistance and does not help to the propagation of fire, being classified as flame-retardant in accordance to Norm IEC 60092-101.

5. Photoluminescent properties

The Ⓢ **Everlux®** products fully conform to the International norms DIN 67510-1, ISO 16069 and the IMO A.752 (18) Resolution. When stimulated with 1000 lux during 5 minutes, the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Everlux luminescent intensity (mcd/m ²)	BS ISO 17398 (Class C)
10 minutes	215	140
60 minutes	30	20
Luminescent intensity 100 times greater than the limit of human visibility	Period of light decay (minutes)	
0.3 mcd/m ²	3100	1800

6. Dimensions, Pictograms and Colours

The products are in conformity to our catalogue and according to National and International Norms and Legislation.

Sizes:

According to Everlux catalogue:

- 200x300 mm, for evacuation plans for hotels and care homes;
- 400x300, 600x400 or 900x600 mm for Evacuation Plans for hotels, schools, shopping centres, Hospitals, among others.

Symbols and colours:

Evacuation plans will indicate the extinguishers, fire hoses, fire alarms and the safety ways location.

The general safety instructions and legend will be printed in English, French, German and Spanish.

7. Printing

With high quality gloss paint with UV resistance.

8. Cleanliness

The products do not require any particular attention, clean with a dry clean cloth or a cloth humidified with water.

9. Guarantee

In normal conditions of mounting and adequate cleanness and maintenance, the sign is covered with a 5-year guarantee against manufacturing defects.

For outdoor applications, considering exposure to varying temperatures, humidity and other extreme environments, the warranty can be diminished. On wet environments or environments with the presence of water with strong acid or alkaline content (i.e. limestone and chlorine) the warranty can be diminished

10. Health and safety

The product does not contain any radioactive substances.

In toxic terms the product is considered as safe (European norm EN 71-3).

11. Quality and Certification

Ⓢ **Everlux®** products have the Lloyd's Register Type Approval Certificate.

The quality of Ⓢ **Everlux®** products is ensured by a rigorous process of quality control with tests in our own laboratory observing all applicable standards.

12. Legislation and Normative references

The Emergency Plans are in conformity to the following standards:

- BS ISO 23601
- BS ISO 17398
- BS ISO 16069
- BS ISO 7010
- Norms BS ISO 3864
- Norms DIN 67510
- BS 5499-4
- BS 5499-10
- BS 5266-1

13. Specificities

The signs Ⓢ **Everlux®** to use in external environments or wet environments with the presence of water with strong acid or alkaline content (i.e., limestone and chlorine) should be protected by a transparent anti-graffiti film. This film, in addition to its anti-vandalism features, provides effective protection against environmental aggressions (i.e., pollution, humidity, UV radiation, chemical agents).

The installation of these products on surfaces or in temperatures above 65°C is not recommended.