

## Photoluminescent self-adhesive aluminium signs for public transportation

### 1. Product

 **Everlux**® - Photoluminescent safety signs for public transportation.

### 2. Product Description

Photoluminescent self-adhesive aluminium, 0.22 mm thickness, antistatic surface and easy to clean.

### 3. Application

The efficacy of self-adhesive safety signs application is conditioned by surface type and by the cleanliness prior to the application. Only a smooth surface, free of dust, grease and all kinds of dirt, will allow effective adhesion of the sign.


For cleaning the surface where the self-adhesive product will be applied, it is advisable to clean it with a quick-drying degreaser. Application on rough, porous or uneven surfaces is not recommended.

During application of the product, the room temperature must be equal or greater than +10°C. Once installed, the product tolerates a temperature variation between -40°C and + 120°C.

### 4. Fire resistance

Non-combustible.

### 5. Photoluminescent properties

The  **Everlux**® products are fully conform to the International norms, such as Regulation no. 107 of the United Nations Economic Commission, ISO 17398 (Class C), DIN 67510-4 and ISO 16069 Resolution. When stimulated with 1000 lux during 5 minutes, the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd/m <sup>2</sup> )	
	Everlux	Regulation 107/ ISO 17398 – Class C
2 minutes	1032	690
10 minutes	215	140
30 minutes	70	45
60 minutes	30	20
Luminance intensity	Everlux	Period of light decay (minutes)
0.3 mcd/m <sup>2</sup>	3100 minutes	-

#### 6. Dimensions, Pictograms and Colours

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

#### 7. Printing

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 (without detergents).

#### 9. Guarantee


Under normal conditions of application and proper cleaning, a 3-year guarantee against manufacturing defects is provided.

For exterior applications, considering exposition to varying temperatures, humidity and other extreme environments, this guarantee can be diminished, as well as for applications on rough, porous or uneven surfaces (which are not recommended for applying self-adhesive aluminium signs).

#### 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

The quality of  products is ensured by a rigorous process of quality control with tests in our own laboratory observing all applicable norms.

#### 12. Legislation and Normative references

 safety signs are in conformity to the following norms:

- Regulation no. 107 of the United Nations Economic Commission for Europe (UNECE)
- EN ISO 7010
- ISO 3864 part 1 to 4
- Regulation (EC) No 1371/2007 of the European Parliament and the Council of the European Union of 23 October 2007