


1. Product

 **Everlux®** - Photoluminescent safety signs for public transportation - passenger railcars that operate on the North American railroad system.

2. Product Description

Self-adhesive photoluminescent PVC film with 0.38 mm thickness, with antistatic surface and easy to clean.

3. Installation

The installation of the product must follow the following indications:

Preparation of the application surface:

All surfaces on which the product is to be installed shall be considered as contaminated.

Cleaning and Degreasing - For this operation, a degreasing solution must be used; for example, isopropyl alcohol in the proportion 70% isopropyl alcohol and 30% water.

The cleaning operation must be done in two phases:

- Start by applying the degreasing solution to the surface and clean the whole surface in circular movements with a paper or cloth that does not leave residues, to remove dirt and grease;
- Proceed by applying a second dosage of the degreasing solution to the surface and, this time, cleaning it with movements in only one direction.

Drying - Let it dry, waiting 2 to 3 minutes until all cleaning solution evaporates. Do not touch the previously cleaned and degreased surfaces with your fingers.

Product application

Removal of the protective paper from the product - Remove the self-adhesive backing paper in one corner of the product without touching the adhesive.

Application of the product - Apply the product in the previously prepared place, avoiding the formation of bubbles and exerting pressure throughout the product area. It is recommended to use a roller for better distribution of forces throughout the surface.

The quality of the adhesion will depend on the amount of contact between the adhesive and the installation surface. A strong, homogenous pressure promotes union.


The application should be made at the room temperature not less than +50°F (+10°C).

Once applied, at the recommended application temperature, possible temperature changes are generally well tolerated by the glue, without modifying the adhesion properties of the glue.

For further details please see the Everlux Installation Guide for self-adhesive products.

During application of the product, the room temperature must be equal or greater than +50°F (+10°C)..

4. Photoluminescent properties

The  Everlux® products are fully conform to APTA PR-PS-S-006-23. When stimulated with 10.8 lux during 60 minutes, with a fluorescent 4000K lamp, the photoluminescent characteristics are as follows:

Time after removing the exciting light (in minutes)	Luminescent intensity (mcd/m ²)	
	Everlux	ASTM E-2073-010
10 minutes	55	-
60 minutes	11	-
90 minutes	7.7	7.5

5. Dimensions, Pictograms and Colours

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

6. Printing

High quality gloss paint with UV resistance

7. Cleanliness

The products do not require any particular attention, clean with a dry clean cloth or a cloth humidified with water (without detergents).

8. 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 vinyl signs).

9. 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).

10. Quality

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

11. Legislation and Normative references

 Everlux® safety signs are in conformity to the following norms:

- APTA PR-PS-S-006-23
- 49 CFR § 238
- 49 CFR § 299
- ASTM-E2072
- ANSI Z535.
- ANSI Z535.2
- ANSI Z535.3
- ANSI Z535.4
- ANSI Z535.5
- ANSI Z535.6
- ISO 7010
- ISO 3864 part 1 to 4