
	Traiva s.r.o. , Pohraniční 2911/13b, Ostrava, 703 00, Czech republic	Photoluminescent signs
Instructions for Use and Warranty Certificate		

Manufacturer:

Traiva s.r.o.
Pohraniční 2911/13b, Ostrava 3, Czech republic

Photoluminescent signs and films

Instructions for use, installation, and warranty certificate

Product Identification

- **Manufacturer:** Traiva s.r.o.
- **Product designation:** Safety signage GlowStar, Hi-Glow, Hi-Glow ALU series, FTL 150, 450, 600

Classification

- **Environment of use:** E – exterior
- **Base material:** PR rigid plastic or PF rigid plastic or MF flexible metal
- **Photometric properties:** P – phosphorescent
- **Lighting method:** E – external
- **Fixing method:** M – mechanical or P – pressure-sensitive adhesive (self-adhesive film)
- **Surface gloss:** I – medium gloss
- **Luminance decay class (according to clause 5.5):** D
- **Marking according to ISO 17398 clause 8.1:**
Safety signage – ISO 17398 – E-MF-P-E-M-I
- **Document date:** 23 July 2018

Product Description

Photoluminescent safety sign for marking escape routes, made from plastic board, plastic film, or aluminum alloy.

The sign consists of a plastic board or photoluminescent PVC film with a thickness of 0.8 mm.

The pictogram is screen-printed using ink with increased UV resistance.

Photometric Layer Construction



Compounds of aluminum with rare metals, specifically strontium aluminate in a copolymer base.

Uniformity of the photometric layer is ensured by machine application, and it is protected by a transparent PVC film attached using thermoplastic adhesive.

The photoluminescent layer emits white light with a slight yellow-green tint.

Safety

- The signs emit light at wavelengths harmless to the human body.
- Classified as flame-retardant, without dripping.
- The paint layer is non-toxic but not certified for contact with food.
- Not suitable for children under 3 years of age.

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Maintenance

- Clean with a damp cloth and detergent.
- Do not use organic solvents.

Installation

Screws

Signs can be easily drilled and mounted using screws.

Adhesive (self-adhesive film)

The adhesive layer is protected by a backing film.

The surface must be smooth and dust-free.

After application, press firmly using a squeegee with a textile surface or, if necessary, by hand.

Bonding of rigid signs

- According to the project, or where escape routes are not clearly visible, mark the installation height.
- Mark the bottom edge using a pencil and measuring tape.
- Apply adhesive (silicone, Pattex Super Fix, or construction adhesive with fast adhesion) to the back side using a cartridge gun.
- Cut the nozzle so the adhesive bead is approx. 4 mm in diameter.
- Apply adhesive around the edges (approx. 5 mm from the edge) and in a cross pattern across the center.
- Immediately press the sign firmly onto the surface and align it horizontally.
- Wipe off any excess adhesive with a damp cloth.
- The surface of the sign must remain completely clean.

Required equipment

- Cartridge gun
- Adhesive cartridge
- Measuring tape
- Spirit level
- Damp cloth
- Ladder (if installation height exceeds 200 cm)

Warranty

- **Interior use:** 15 -year warranty on the entire product

Additional Information

www.e-safetyshop.eu/eng

e-mail: info@traiva.cz