

Safe-T-Lume™ NYC COMPLIANT FLOOR ID SIGN

Model(s): EM-SFI

GENERAL DESCRIPTION



Photoluminescent egress path marking systems are an important life safety requirement in current building codes. These systems allow for the safe and quick evacuation of buildings in the case of an emergency. They provide a routing system that is not dependent on electrical power that can easily be followed in dark and smoke-filled exit pathways.

Introduction + Safety

Please read the complete instructions carefully before beginning any work. To ensure proper installation and performance of the product, the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

GENERAL SAFETY PRECAUTIONS Improper selection, installation, or use can cause personal injury or property damage. It is solely the responsibility of the user, through its own analysis to select products suitable for their specific application requirements, ensure they are properly maintained, and limit their use to its intended purpose. Follow proper local, state and federal regulations for proper installation and operation requirements.

Transportation + Storage

- Inspect all shipments and materials for missing or damaged components and hardware.
- Material must be stored in a clean, dry location.

Preparation

- The temperature of the product being installed and the surface it is being installed on must be at least 60 degrees.
- Surfaces must be clean, smooth, and non-porous. Install a sample piece of the tape material for 24 hours on the application surface to ensure that the tape adheres properly before doing a complete project installation.

INSTALLATION

The floor identification sign shall be provided at each floor landing in an interior exit stairway and ramp connecting more than three stories designating the floor level, the terminus of the top and bottom of the interior exit stairway and ramp and the identification of the stairway or ramp. The signage shall also state the story of, and the direction to, the exit discharge and the availability of roof access from the interior exit stairway and ramp for the fire department (*Figure 1*). The sign shall be located five (5) feet above the floor landing in a position that is readily visible when the doors are in the open and closed positions.



Figure 1

1. Thoroughly clean the surface area where the sign will be installed with a dry cloth and a non-residue cleaning compound to remove and loose particles and dirt. For oily surfaces, isopropyl alcohol works well for surface preparation. Seal porous surfaces if needed and repair cracks or damaged areas. Surfaces must be dry and dust free.
2. Measure to determine proper location of the sign.
3. The sign can be attached with the included adhesive tabs, appropriate construction adhesive applied to the back of the sign or with a mechanical fastener using the pre-drilled holes in each corner of the sign.
4. When using the adhesive pads, peel the pad from the liner being careful not to touch the adhesive. Place the pads evenly to the back of the sign and press firmly into place. After the pads have been adhered to the back of the sign, remove the other liner from all the tabs, again being careful not to touch the adhesives. Place the sign in its appropriate location and press firmly to attach to the substrate. When using construction adhesive to attach the sign, follow the instruction provided by the manufacturer of the adhesive. When using mechanical fasteners to attach the sign be sure to use the proper type and length for the substrate.

OPERATION

- Exposure Requirements: The minimum amount of exposure to artificial ambient illumination is 60 minutes from the following:
 - One-foot candle (11 Lux) of florescent, incandescent, or LED light
- The control of the ambient illumination necessary to charge the luminous egress-path-marking system should be restricted to authorized personnel only.

- Failure to supply the above minimum exposure can prevent the luminous egress-path-marking from performing as intended.
- No specific building surface treatment is required for the luminous egress-path-marking system to function properly.
- Reliable external illumination is required at all times during building occupancy.

MAINTENANCE

- Maintain by cleaning as needed to prevent dirt, etc. from inhibiting the performance of the photoluminescent properties.
- The strip may be cleaned by using a damp cloth with mild, non-abrasive cleaners. Do not use highly alkaline or acidic cleaners. Rinse after applying cleaners and wipe with a clean cotton cloth to dry.

Questions?

For more information on installation, repair or replacement, please visit www.nystrom.com