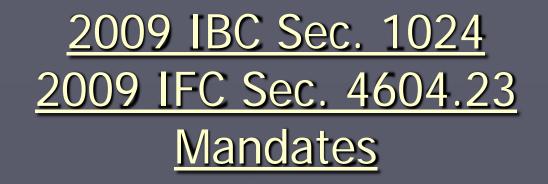


## Successful Installation of PHOTOLUMINESCENT EXIT PATH **MARKING SYSTEMS**

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Photoluminescent Markings in all enclosed stairwells used for emergency evacuation in all New & Existing buildings exceeding 75ft

- Handrails
- Stair Treads & Landings
- Demarcation Lines
- Exit Door Markings & Signage
- Obstruction Markings





Requires Knowledge of:

Enclosure Environment
Surface Inspection & Prep
Enclosure Traffic & Maintenance

Verify Enclosure Lighting Meets Code:
1 Ft-Candle Minimum
Continuously Illuminated
NO Motion Sensors Allowed

## Know Your Materials Types of PL Products Flexible – Tapes and Thin Films Semi-Rigid - PVC Based Rigid - PVC Laminated to an Aluminum Substrate Rigid – Powder Coated Coatings – Two Part Paint Systems

## **Enclosure Environment**

#### Difficult At Best

 Non-Conditioned Air
 Replicates Exterior Environment for Humidity & Temperature

**Effects the Material Selection** 







## **Enclosure Environment**

#### Know Your Environmental Conditions

#### Select Materials Accordingly

Requires Inspection & Surface Prep Concrete - Spalling, Loose Paint - Surface Sounding - Dished & Worn Treads - Clean Surface 50% Alcohol

Requires Inspection & Surface Prep Metal Stairs - Wire Brush Loose Paint - Clean Surface 50% Alcohol

Requires Inspection & Surface Prep Rubber, VCT, Carpet Stairs - Good Bonding to Subsurface - Mechanical Attachment

# Enclosure Traffic & Maintenance

Knowledge of:

Stairs Used Every Day
 Level of Maintenance
 Power Washing
 Effects Material Selection

NFPA 101 and 5000 Means of Egress Section 7.2.2.5.5 Exit Stair Path Markings

#### Differences from IBC

No minimum building height specified
 PL strip integral with the nosing of each step
 Adhesive backed tapes shall not be used
 Effective January 1, 2009 Nationwide

## GSA 2005 Facilities Standard - P100

Section 7.8 Means of Egress

Requires PL Exit Path Markings

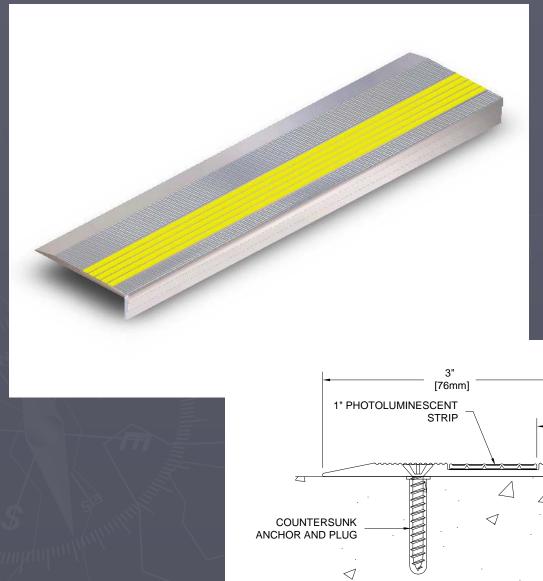
> UL 924 PL Exit Signs

> Up-date to 2009 NFPA May of 2010

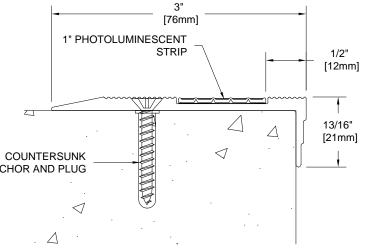








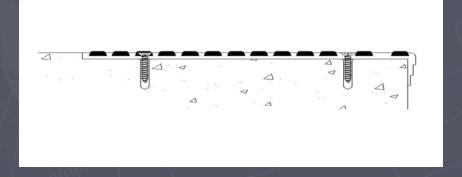
Economical Exceeds PL Codes Slip Resistant Durable

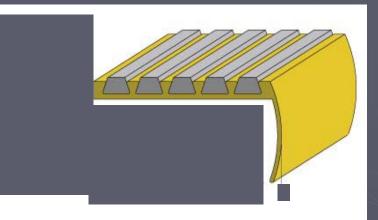


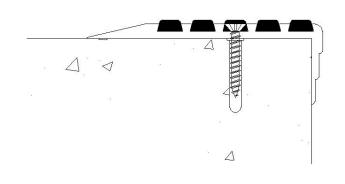


#### **Retrofit Stair Nosings**

- Used on stairs that have been formed already
- Can install on stairs that have been chipped on the edges
- Higher Traffic Volume
- Solid or ribbed abrasive
- Swept back or 90 degree











Enclosure Traffic & Maintenance

PL Strip Integral with Stair Nosing
Glue It & Screw It
If You Walk On It
No Tape or Paint

Requires Knowledge of:

Enclosure Environment
Surface Inspection & Prep
Enclosure Traffic & Maintenance

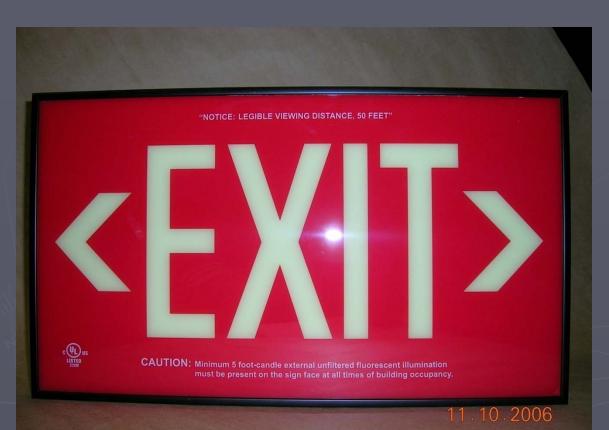
#### How Do You Know It Works

#### **Recommend PL Products**

#### Be Tested and Listed by an Accredited Independent Laboratory



## **Photoluminescent Exit Sign**



• IBC/IFC Section 1011.4

- Listed For UL 924
- LEED Points Qualified
- Zero Energy Use
- Zero Maintenance
- Use in Low and High Level Applications
- Meets All Current Building Codes-NFPA 101, GSA P100
- No Battery Backup
- 25+ Year Life Expectancy

#### Photoluminescent Exit Signs

Verify Enclosure Lighting Meets Code:
5 Ft-Candle Ambient Light Min
60 Minutes Prior to Occupancy
Continuously Illuminated



## Successful Installation of PHOTOLUMINESCENT EXIT PATH **MARKING SYSTEMS**

# Thank you for your time and attention!



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