Photoluminescent Self-Adhesive Markings & Paints

Presented by:
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2 Material Categories

• **Field-converted Materials**
  – Liquid Paints, Resins, Powder Coatings
  – Certification per “amended ASTM” only

• **Ready-Made Markings**
  – Wall Tapes, Floor Tapes, Strips, Metal Nosing, Signage, etc.
  – UL1994-listing and/or “amended ASTM”
Field-converted Materials

• **NO** UL 1994-listing
• UL1994 does NOT cover field-converted materials, like Paints or Powder Coatings.

• Field-converted materials require Luminance Testing per “amended ASTM” requirements
• Luminance Certificate from NRTL – Nationally Recognized Testing Laboratory (UL, ETL, etc.)
• Follow-up Inspections at Manufacturing site
Installation Considerations

- Remove loose particles
- **Clean** Surface
- Masking Tape
- Primer
- ? Layers of Photoluminescent Paint
- Remove Masking Tape
- Clear Protective Coating
- Drying Time
Field-Converted Materials

**White Primer**

- to lighten up dark surface
- to fill in floor unevenness
Field-converted Materials

Photoluminescent Paint

• Number of Layers indicated in Manufacturer’s Installation Instructions
Field-Converted Materials

Clear Coating

Pale yellow P/L Paint covered by clear coating
Multiple Step Paint Installation 1 year later:

- Foot prints
- Surface Dirt
- Needs Cleaning

✔️ Installation intact
“Self-Adhesive Marking” Installation

- Remove loose particles
- **Clean** Surface
- Primer needed?
- Press-apply tapes
- Seal edges of floor installed tapes
- Immediately ready to use
Ready-made Markings

• **Wall Tapes** in floor proximity
Ready-made Markings

• Floor Tapes
Ready-made Markings

Aluminum Strips
Ready-made Markings

- Obstacle Markings
Ready-Made Markings

- Door Frames
- Door Hardware
Ready-Made Markings

• Signage
2009 IBC / 2009 IFC

- Stairs, Handrails, Floor Landings, Doors, Floor ID signs, Obstacles to be marked
Questions? Please contact:
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