



Cereus™ Photoluminescent Paint

Aqueous-Based Paint

Light Without Electricity | Five Unique Colors | Shines 50% Longer

Product Description

Bambu Way’s Cereus™ Photoluminescent Paint can brighten the darkness anywhere by creating light without electricity. Fully charged Cereus paints emit a vibrant, no-glare light that will last for more than 10 hours. Charging constantly occurs in the presence of natural or artificial light, and surfaces can be charged in as little as 15 minutes.

Our paints come in the widest color palette available, allowing for color-coded markings and aesthetic beauty in addition to functionality.

Applications

- Stairwell Egress Markings - IBC/IFC Section 1024
- Safety and Emergency
- Disaster Recovery
- Wayfinding

Product Specifications

Overview

- Maximum Glow Time 10+ Hours
- Minimum Time to Full Charge 15 Minutes
- Recommended Thickness 6–14 MILS
- Drying Time (tack-free) 30 Minutes at 70° F
- Curing Time 24 Hours
- Coverage 62 - 150 Square Feet Per Gallon

Kit Includes

- 1 Gallon Cereus Photoluminescent Paint
- 1 Quart Cereus Commercial Clear Overcoat
- Shelf Life 1 Year
- Maintenance Cycle 5 Years
- Standard Paint Color Choices
Green / Blue / White / Yellow



BAMBU WAY
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Formulation and Composition

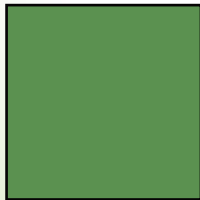
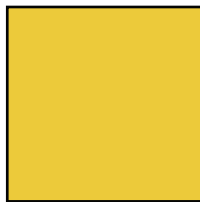
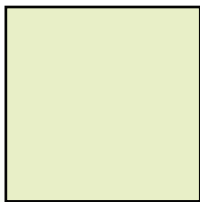
- High-intensity persistent phosphor formulation
- Low utilization of rare earth materials enhances emissions while reducing costs
- Unaffected by water, enabling aqueous formulations (indoor use)

Glow Characteristics

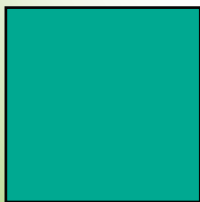
- Vibrant, uniform glow greatly exceeds industry standards, with substantially higher differentials at the initial emission¹
- Easily visible light with no glare or harshness
- Robust photolytic stability provides consistent glow quality with no degradation of light emission

1) New York Local Law 26 of 2004 (New York City Building Code 27-383) is recognized as the basis for industry standards

Egress Pathway Marking Series: White, Yellow, Green, Blue



- Step Edge
- Landings
- Railings



- Obstacles
- Directional Safety

Application

- Readily Applicable to wood, plastics, cement, asphalt, metals, and many other materials
- VOC <100 grams per liter (unreduced)
- Flash Point 4°C (tag closed cup)
- Capable of withstanding extreme weather conditions
- Priming of the surface with a BW-specified and approved primer/sealant^{1,2} (see list below) is critical to the performance of luminescent properties, adhesion, and durability of Cereus™ paints.

1) For use on concrete, asphalt, wood, and zinc-treated steel: Sherwin-Williams ArmorSeal Rextthane | Floor Coating White Product Number B65W60
Sherwin-Williams COROTHANE | HS Moisture Cure Urethane, White Product Number B65W50

2) For use on treated wood, treated metals, and fiberglass:
DuPont ChromaSeal 77105 2K Urethane Sealer (White) /ChromaBase "4 to 1" 77755 Activator-Reducer

Regulatory and Voluntary Qualifications

When applied at recommended thickness, Bambu Way's Cereus™ Photoluminescent Paints meet the performance standards specified in the following codes:

Luminance Standards

- UL 1994 (US) Luminous egress path marking systems
- UL S572 (CA) Luminous and photoluminescent path marking systems

Materials Standards

- International Building Code (IBC) Model Code
- NFP 5000 Building Construction and Safety Code

Red Safety Series:



- Emergency Color Coding
- Visual differentiation
- Specialty Safety Markings



For additional information:
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