

Permaglow™ 250 series

Photo-luminescent material for
architectural and safety sign applications



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High-resolution graphics
and ADA-compliant signage.

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Characteristics

Base interior photopolymer (.032") is applied to .046" thick 81/1077 Rigid PVC power 250/30 UL1994 listed. Luminance is measured per ASTM E2072-04 (American Society for Testing and Material) and DIN 67510. Luminance is at 250 milli candela per square meter (mcd/m²) after 10 minutes and 30 milli candela per square meter after 60 minutes in full darkness, following activation by 1,000 Lux Xenon Lighting for 5 minutes, per ASTM E2073-02.

Background color of NovAcryl® Permaglow 250™ photo-luminescent material closely matches PMS 5807.



NovAcryl® Permaglow 250™, offered exclusively by Nova Polymers, is the ideal solution for safety and egress signage concerns. It is UL1994 listed and 22.5 times brighter than Standard Glow.

Photoluminescent Staircase Identification Signs as part of Photoluminescent Egress Path Markings are a requirement for exit staircases in NEW constructions and major alterations, and have to be UL1994 listed, a safety standard for Luminous Egress Path Marking Systems.

NovAcryl® Permaglow 250™ absorbs ambient light during the day and provides photo-luminescent emergency guidance at night. At night time, or in the event of a power outage, the photo-luminescent material instantly emits light without any electrical power. NovAcryl® Permaglow 250™ ensures orderly egress to and inside stairwells and exits, clearly identifies fire extinguishers and emergency aids, and illuminates fire escape and evacuation routes.

Permaglow 250™ features a patented clear photopolymer bonded to a photo-luminescent material. The marriage of these materials creates a broad selection of multi-purpose architectural and safety sign applications for day and night usage.

Create raised graphics, text and/or numerals, and braille signage in thousands of shapes and sizes with NovAcryl® Permaglow 250™. Custom graphics can be color finished to match new specifications or existing building standards.

Permaglow 250™ is intended for interior applications only and offered in .046" thickness and a 19" x 23-1/2" sheet size. Environmentally friendly and user friendly, NovAcryl® Permaglow 250™ is processed in plain tap water. By replacing incandescent and LED exit signs with NovAcryl® Permaglow 250™, you reduce CO2 emissions and energy use.



Nova Polymers is the largest U.S. manufacturer
and distributor of photopolymer sign products.