

## VULCAN ULTRA GLOW

Vulcan Ultra Glow is truly a product breakthrough in the world of marking. This new technology enables a sign to be highly visible in the dark because of its ability to illuminate without the aid of any electricity or batteries. Vulcan Ultra Glow automatically charges when exposed to natural or artificial light. The possibilities are endless with this newly developed technology.

### TECHNICAL SPECIFICATIONS



DAYTIME

#### ALUMINUM SIGNAGE

- EXPECTED LIFE OF PRODUCT: 15+ YEARS
- WILL PERFORM AT 100% CAPACITY FOR MORE THAN 10 YEARS
- PURE ALUMINUM BASE- THICKNESS SIZES AVAILABLE: 1.0 MM AND 0.5 MM
- EPOXY LAYER: FIRE RETARDANT STANDARD AND UV RESISTANT FOR OUTDOOR APPLICATIONS



NIGHTTIME

#### CAST VINYL

- EXPECTED LIFE OF PRODUCT: 10 YEARS
- VINYL THICKNESS: G40 - 0.05 MM/G50 - 0.10 MM
  - SOLAS 74 TYPE 1 AND 2
  - IMO RESOLUTION A.658 - 16
  - NFPA 1971-2007
- CONVECTIVE HEAT EXPOSURE 5 - 2.15
  - RETROREFLECTIVITY 5 - 2.15
  - RAINFALL 5 - 2.15

#### PHOTO LUMINESCENCE LEVELS IN UNITS OF MCD/M<sup>2</sup>

INITIAL	2860
10 MINS	1659
30 MINS	915
60 MINS	523
8 HR	98
16 HR	58
22 HR	29

OPERATING TEMP. RANGE -40°F UP

#### PHOTO LUMINESCENCE LEVELS FOR G50 IN UNITS OF MCD/M<sup>2</sup>

INITIAL	1450
10 MINS	967
30 MINS	399
60 MINS	216
8 HR	98
16 HR	58
22 HR	14

OPERATING TEMP. RANGE -40°F TO 300°F



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### TECHNICAL SPECIFICATIONS

#### SAFETY STANDARDS MET OR EXCEEDED

- ASTM 2073 ○ UL924
- NFPA 1971-2000 ○ ANSI Z 89.1-2003
- OSHA 1910.24 ○ OSHA 1910.26
- OSHA 1910.263 ○ OSHA 1910.217
- ASTM 2030-99 ○ ASTM 162, ASTM 648, ASTM 662
- DIN 67510-1 ○ DIN 53387-1-D-X
- DIN 50021-SS ○ DIN 30646
- ANSI/ISEA 107-1999 ANNEX LEVEL 2 EN471 CLASS 2
- ASTM E 2072-00, 2073-00

#### EXCEEDED LUMINESCENCE VALUES OF THE FOLLOWING CODES

- DIN 67510 ○ ASTM E2073-07
- NY RS6-1 ○ NRC GUIDE CANADA
- UL924 9TH EDITION ○ UL 1994
- 2008 CALIFORNIA CODE ○ 2009 CONNECTICUT CODE
- 2009 NFPA 101 ○ 2009 NFPA 5000
- 2009 IBC ○ APTA - RAILCAR



MADE IN THE USA