

BRADY B-875 BradyGlo (TM) High Intensity Anti-Slip Aluminum Egress Marker

TDS No. B-875
Effective Date: 09/29/2005

Description:

Brady B-875 BradyGlo™ High Intensity Anti-Slip Aluminum Egress Markers are glow-in-the-dark (photoluminescent) strips and exit indicators.

Details:

Use:

Brady B-875 BradyGlo High Intensity Anti-Slip Aluminum Egress Markers are designed for adhesive fastening to rough, as well as smooth surfaces, for low level exit path markings, steps, and floor perimeter demarcation lines (floor mounted and wall mounted).

Relevant Standards:

Complies with all indoor use requirements specified in RS 6-1 and 6-1A of New York Local Law 26 including photoluminescence, washability, flammability, toxic gas generation, and radioactivity.

Approved Model Numbers Accepted For Use, City of New York, Department of Buildings: MEA No. 275-05-M BR: 37-9-6

Inherent Properties:

Brady B-875 is a non-toxic, non-radioactive, explosion safe (does not generate energy to induce explosions) material allowing for safe and effective egress.

Illuminescent Characteristics:

Illumination: 21.6 lux (2 foot-candles) for 2 hours with a 4100K cool white fluorescent lamp.
Luminance (after illumination): 10 minutes 37 mcd/m²
60 minutes 9 mcd/m²
90 minutes 6 mcd/m²

Substrate Type:

Phosphorescent Anti-Slip Aluminum

Thickness (PSTC-133):

0.042 in. (1.067mm)

Abrasion Resistance (Method 5306 of U.S. Federal Method Std. No. 191A):

H-22 Wheels, 1000g wts.
Substrate withstands up to 7000 cycles

Gloss (ASTM D-523):

60° - 17 Gardner Units

Minimum Application Temperature:

Please see manufacturer's recommendation for the adhesive chosen. Per DAP®, the Dynaflex 230® adhesive (an easy to use, widely available product) can be applied at temperatures 40°F and above. Other products may vary.

Service Temperature:

-40°F to 140°F (-40°C to 60°C) for the B-875. The Dynaflex 230® adhesive is also rated by DAP® for this range as well. Other products may vary. This is the range the Dynaflex 230® adhesive will cover once cured. This is also the range we are saying our product will work in.

Chemical Resistance:

Chemical	7 Day Immersion	Dip Test
30% Sulfuric Acid	F	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NT	NT
10% Hydrochloric Acid	NT	NT
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE

50% Sodium Hydroxide	NT	NT
10% Sodium Hydroxide	NT	NT
10% Ammonia	NE	NT
5% Sodium Hypochlorite	NE	NE
10% Sodium Chloride	NE	NE
MEK	F	NE
Acetone	F	F
Toluene	F	F
Methanol	NE	F
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	NE
Diesel Fuel	F	NE
Kerosene	F	NE
Gasoline	F	F
ASTM #4 Oil	NE	NE
SAE 20 Oil	NE	NE
Alconox®	F	NE
Water	NE	NE
Formula 409 Cleaner®	NE	NE

NE = No Effect
NT = Not Tested
F = Failed

Dip Test: Five 10 minute dips in reagent with 30 minute recovery.

Shelf Life

6 years when stored at 70°F (21°C) and 40% to 50% RH.

Trademarks:

Alconox® is a registered trademark of Alconox Co.
Signmark® is a registered trademark of Brady Worldwide, Inc.
DAP® is a registered trademark of DAP, Inc.
Dynaflex® is a registered trademark of DAP, Inc.
ANSI: American National Standards Institute (U.S.A.)
ASTM: American Society for Testing and Materials (U.S.A.)
Fed. Spec.: United States Federal Specification (U.S.A.)
PSTC: Pressure Sensitive Tape Council (U.S.A.)
BradyGlo™ is a trademark of Brady Worldwide, Inc.

Note: All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

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