

BRADY B-808 BRADYGLO(TM) FLOOR GRAPHICS

TDS No. B-808
Effective Date: 11/06/2015

Description:

Brady B-808 BradyGlo™ Floor Graphics is a surface printed photoluminescent pressure sensitive polyester with a velvet embossed rigid clear vinyl overlamine.

Details:

Use:

Brady B-808 is used to mark aisles, point out safety equipment fire extinguishers and exits, and enforce protective equipment requirements.

Adhesive Type:

Pressure sensitive acrylic

Substrate Type:

Surface printed photoluminescent polyester overlaminated with a velvet embossed rigid clear vinyl overlamine.

Standard Legend Colors:

Black, red, green, blue

Typical thickness (without liner):

0.016 to 0.017 in. (0.41 to 0.43 mm)

Adhesive Properties:

Adhesion to Stainless Steel
15 Minute Dwell (Avg.) -- 73 oz/in. (80 N/100mm)
Ultimate Dwell (72 Hrs.) (Avg.) -- 87 oz/in. (95 N/100mm)
Tack (ASTM D 2979) (Avg.) -- 1149g (11 N)
Drop Shear (PSTC-7) (Avg.) -- 35 hours

Abrasion Resistance (ASTM D4060-14):

H-22 wheels, 1000 g wts.
Overlamine withstands up to 10000 cycles.

Gloss (85°):

17 Gloss Units

Minimum Application Temperature:

50°F (10°C)

Service Temperature:

-40°F to 158°F (-40°C to 70°C)

Outdoor Applications:

Not recommended for outdoor application

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST
30% Sulfuric Acid	NE	NE
10% Sulfuric Acid	NE	NE
30% Hydrochloric Acid	NE	NE
10% Hydrochloric Acid	NE	NE
Glacial Acetic Acid	F	F
5% Acetic Acid	NE	NE

50% Sodium Hydroxide	NE	NE
10% Sodium Hydroxide	F	NE
10 % Ammonia	NE	NE
5% Sodium Hypochlorite	NE	NE
Methyl Ethyl Ketone	F	F
Acetone	F	F
Toluene	F	F
Methanol	F	NE
Isopropyl Alcohol	F	NE
Heptane	F	NE
Mineral Spirits	F	NE
Turpentine	F	F
Kerosene	F	NE
Diesel Fuel	F	NE
Gasoline	F	F
ASTM #3 Oil	NE	NE
SAE 20 Oil	NE	NE
10% Sodium Chloride	NE	NE
Alconox®	NE	NE
Water	NE	NE

NE = No Effect

F = Failed (affected Sample)

7 Day Immersion: Immersed in reagent for 7 days.

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

Shelf Life of Unapplied Adhesive:

1 year when stored at 70°F (21°C) and 40% to 50% R.H.

Trademarks:

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ANSI: American National Standards Institute (U.S.A.)

ASTM: American Society for Testing and Materials (U.S.A.)

Alconox® is a registered trademark of Alconox Co.

BradyGlo™ is a trademark of Brady Worldwide, Inc.

Fed. Spec.: United States Federal Specification (U.S.A.)

IMO: International Maritime Organization

PSTC: Pressure Sensitive Tape Council (U.S.A.)

SAE: Society of Automotive Engineers (U.S.A.)

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.

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