Search Technical Data Sheets

Technical Data Sheet

BRADY B-959 REFLECTIVE TRAFFIC SIGN

TDS No. B-959
Effective Date: 06-Aug-2009

Description:

Brady B-959 Reflective Traffic Sign is a reflective sheeting applied to an aluminum sign panel.

Details:

Use:
Brady B-959 Reflective Traffic Signs are used for traffic control.

Relevant Standards:
Conforms to MUTCD

Substrate Type:
Reflective sheeting:Type 1(Fed. Spec. L-S-300; ASTM D 4956) on aluminum

Standard Material Colors:
White, orange and yellow

Standard Legend Colors:
Black, Blue, Green and Red

Thickness (PSTC-33):
.042" to .090" (1.07mm to 2.29mm)

Abrasion Resistance (Method 5306 of U.S. Federal Test Method Std. No. 191A):
CS10 wheels, 250g. weight
Legend withstands up to 2500 cycles

Gloss (ASTM D523):
60°- 80 Gardner Units

Reflectivity:
Type 1(Fed. Spec. L-S-300; ASTM D 4956)

Service Temperature:
-40°F to 175°F (-40° to 80°C)

Average Outdoor Durability:
8 - 10 years (average expected outdoor life of product will depend on user definition of failure and climatic conditions).

Chemical Resistance:

REAGENT	7 DAY IMMERSION	DIP TEST	RUB TEST
30% Sulfuric Acid	NT	NT	NE
10% Sulfuric Acid	NT	NT	NE
30% Hydrochloric Acid	NT	NT	NE
10% Hydrochloric Acid	NT	NT	NE

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

NE = No Effect
NT= Not Tested
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.
Rub Test: Rubbed sample for 1 minute with swab soaked in reagent.

Shelf Life
Unlimited when stored at 70°F (21°C) and 40% to 50% R.H.

Trademarks:
Alconox® is a registered trademark of Alconox Co. ASTM: American Society for Testing and Materials (U.S.A.)
Fed. Spec.: United States Federal Specification (U.S.A.)
MUTCD:Manual on Uniform Traffic Control Devices
PSTC: Pressure Sensitive Tape Council (U.S.A.)
Signmark® is a registered 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.

WARRANTY
Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or

implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.

Copyright 2011 Brady Worldwide, Inc. | All Rights Reserved
Material may not be reproduced or distributed in any form without written permission.

Brady North America | 6555 W. Good Hope Rd | Milwaukee, WI 53223 | USA | Tel: 414-358-6600 | Fax: 800-292-2289