

## **SPECIFICATION INFORMATION ERASABLE PROJECTION BOARD**

### **1. PRODUCT IDENTIFICATION**

NEVAMAR<sup>®</sup> Laminated Plastic Erasable Projection Board

### **2. PRODUCT DESCRIPTION**

**Basic Uses:** NEVAMAR brand Erasable Projection Board combines a dry erase compatibility with a low glare finish for use as a combined projection and marker board surface. NEVAMAR Erasable Projection Board is appropriate for applications in schools, hospitals, offices, conference rooms, individual workstations, team-based work spaces, and any other location where the flexibility of screen projection and dry erase characteristics are desired. For use with dry erase type markers only.

**Limitations:** NEVAMAR Erasable Projection Board is not recommended for exterior use or direct application to plastered walls, gypsum wallboard or concrete walls. Do not use in areas exposed to temperature in excess of 275°F (135°C). Fabrication should not be done below the temperature of 65°F (18°C). It is not intended for permanent markers or pens other than dry erase type.

**Composition and Materials:** NEVAMAR Erasable Projection Board is manufactured by pressing melamine resin impregnated decorative paper over layers of phenolic resin impregnated kraft paper at pressures approximating 1200 lbs. per square inch at temperatures not exceeding 300°F (148°C). The back is sanded to maintain a uniform thickness and to facilitate bonding.

**Patterns:** S 7024 Chalk White is the standard laminate color for Nevamar Erasable Projection Board. Other solid colors are available on a made to order basis, subject to manufacturing evaluation and customer approval of visual appearance.

**Sheet Sizes:**

Widths – 30" (762 mm), 36" (914 mm), 48" (1219 mm), 60" (1524 mm)

Lengths – 96" (2438 mm), 120" (3048 mm), 144" (3658 mm)

These are nominal dimensions obtainable from oversized sheets.

**Thickness:** 0.048" (± .005) (1.2mm ± .12).

**Finish:** MB, a special low glare finish to allow projection and dry erase properties.

**Applicable Standards:** (Meets performance standards of the following) ANSI (American National Standard Institute)/NEMA (National Electrical Manufacturers Association) Publication LD 3 current edition.

### **3. TECHNICAL DATA**

NEVAMAR brand Erasable Projection Board is manufactured to meet or exceed the requirements of ANSI/NEMA publication LD 3 current edition. (American National Standard Performance Standards for Fabricated High Pressure Decorative Laminate Countertops ANSI A 161 2-1998 (Sponsored by National Association of Plastic Fabricators).

### **4. INSTALLATION**

**Methods:** NEVAMAR Erasable Projection Board laminate should be bonded to a core material such as particleboard, MDF, or metal using adhesives and techniques as recommended by reliable adhesive manufacturers. Care should be taken to assure that a moisture imbalance does not exist between

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NEVAMAR laminate and the substrate prior to fabrication. Inside corners of cut-outs should have a minimum radius of 1/8" (3.2mm) with edges filed smooth to prevent stress cracking. When the material is affixed with nails or screws care should be given to drill an oversized hole in the laminate prior to fastening the laminate to the substrate.

### **5. AVAILABILITY AND COST**

Availability: NEVAMAR low-glare marker board is available throughout the country from stocking distributors who are supported by NEVAMAR Customer Service Centers located in major trading centers.

Cost: Varies according to locale, quantity, grade, pattern and finish. NEVAMAR sales representatives or distributors will aid in quoting local prices.

### **6. MAINTENANCE**

NEVAMAR Erasable Projection Board may be cleaned with a felt or multi purpose eraser for dry erase surfaces. If additional cleaning is required to remove marker build up, commercially available markerboard cleaners such as Sanford® Expo® white board cleaner or Sanford® Expo® Towelettes may be used. Follow manufacturer's instructions for best results. Abrasive cleaners or cleaners containing five percent or more of chlorine bleach solution should not be used. Use only dry erase type markers.

### **7. LIMITATION OF WARRANTY AND LIABILITY**

(a) We warrant solely to the original Buyer that the Products will be free from defects in materials and workmanship, when given normal, proper and intended usage, for a period of one year from the date of sale to the Buyer.

(b) At our expense, we agree to repair or replace at our option all defective Products not performing substantially in accordance with applicable Product specifications, provided that Buyer has given us written notice of such warranty claim within the one year warranty period. If we are unable, after reasonable efforts, to repair or replace such defective Product, Buyer's sole remedy shall be the refund of an amount not to exceed the actual payments received by us for such Product. All replaced items shall become our property.

(c) Buyer is responsible for inspection of the product upon receipt and prior to any cutting, gluing or attaching of the product to any other material ("Fabrication"). Any claim by Buyer for breach of warranty shall be deemed waived to the extent it could have been determined by such inspection and any claim by Buyer for breach of warranty shall also be deemed waived if, after the Buyer determines the existence of a possible claim, fabrication is not delayed until we have been notified and have had an opportunity to resolve it in accordance with this warranty.

(d) We shall have no obligation to make repairs, replacements or corrections which result, in whole or in part, from (i) normal wear and tear, (ii) fault or negligence of Buyer, (iii) improper or unauthorized use of the Products, (iv) use of the Products in a manner for which they were not designed, (v) modifications of the Products by anyone other than us, (vi) any act of nature, act of God, fire, casualty, flood or war, (vii) any other causes external to the Products, or (viii) use of the Products in combination with equipment or materials not supplied by us.

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(e) If notified within 10 days in writing of any action (and all prior related claims) brought against Buyer based on a claim that a Product infringes any valid United States patent, copyright or trade secret, we shall defend such action at our expenses and pay all costs and damages finally awarded in such action or settlement which are attributable to such claim. We shall have sole control of the defense of any such action and all negotiations for its settlement or compromise. Buyer shall cooperate fully with us in the defense, settlement or compromise of any such action. In the event that a final injunction is obtained against Buyer's use of a Product by reason of infringement of a valid United States patent, copyright or trade secret, or if in our opinion any Product is likely to become the subject of a successful claim of such infringement, we may, at our option and expense, (i) procure for Buyer the rights to continue using the Product, (ii) replace or modify the Product so that it becomes non-infringing (so long as its functionality is essentially unchanged), or (iii) accept the return of the Product and refund the Buyer the purchase price therefore. We may withhold further shipments of any such Products.

(f) We shall not have any liability to Buyer to the extent that any infringement or claim thereof is based upon (i) the use of a Product in combination with equipment or materials not supplied by us where the Product would not itself be infringing, (ii) compliance with Buyer's designs, specifications or instructions, (iii) use of the Product in an application or environment for which it was not designed, (iv) modifications of the Product by anyone other than us, or (v) any claims of infringement of any patent, copyright or trade secret in which Buyer or any affiliate or customer of Buyer has an interest or license.

(g) Buyer shall not bring any suit or action against us for any reason whatsoever more than one year after the related cause of action has accrued.

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**OUR MAXIMUM LIABILITY ARISING OUT OF THE SALE OF THE PRODUCTS OR THEIR USE, WHETHER BASED UPON WARRANTY, CONTRACT, TORT OR OTHERWISE, SHALL NOT EXCEED THE ACTUAL PAYMENTS RECEIVED BY US IN CONNECTION THEREWITH. IN NO EVENT SHALL WE BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, OR LOSS OF USE DAMAGES ARISING HEREUNDER OR FROM THE SALE OF THE PRODUCTS.**

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Consumers who purchase our Products for personal or household use may have other rights, which will vary from state to state or, in Canada, from province to province. Federal law and some states law do not permit the disclaimer or modification of implied warranties for consumers, but may permit limitation of the duration of the implied warranties for consumers. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages. Therefore, the above warranty limitations may not apply to you.

<b>FINISH</b>	<b>GLOSS* READING</b>	<b>DESCRIPTION OF FINISH</b>
MB	25-35	A low glare minutely grained finish

\*Gardner 60° Gloss Meter

<b>TABLE-2 TEST VALUES</b>		
<b>TEST</b>	<b>NEMA REQUIREMENTS</b>	<b>TYPICAL NEVAMAR VALUES</b>
Wear Resistance: Wear Value (cycles)	400 min.	900
Impact Resistance: (Inch drop)	50 inches	66 inches
Dart Impact Resistance	500 mm	700 mm
Dimensional Change % MD, Max. % CD, Max.	0.5% 0.9%	0.35% 0.75%
Room Temp Dimensional Stability % MD, Max. % CD, Max.	0.5% 0.8%	0.3% 0.5%
Resistance to Boiling Water	No Effect	No Effect
Resistance to High Temperature	Slight Effect	No Effect
Radiant Heat Resistance	125 seconds min.	300 seconds
Stain Resistance	Unaffected by reagents I-10; moderate II-15	Unaffected by reagents I-15
Light Resistance	Slight Effect	No Effect
Cleanability	20 max.	7-11