

FORMICA® LAMINATE BY FORMICA GROUP



MAGNETIC MARKERBOARD LAMINATE TECHNICAL DATA

PRODUCT DESCRIPTION

Formica® Magnetic Markerboard is a high pressure decorative laminate with an iron foil incorporated under the surface décor and has a gloss finish. The iron foil gives the laminate its magnetic qualities. Typical neodymium magnets will work; however, the thinner sheet magnets typically used for refrigerators are too weak. Formica® Magnetic laminates in gloss finish are especially suitable for use as marker boards or writing surfaces in education, office and commercial environments.

Text and images can be drawn onto the surface using good quality dry erase markers. This can be removed by using micro cloth and liquid board cleaner if ghosting occurs. If a permanent ink marker pen is used by mistake it can be removed by acetone.

NOTE: The longer the images or text is left on the surface, the more difficult they are to remove. Extra effort may be required to remove stubborn residue.

FABRICATION AND ASSEMBLY HANDLING AND STORAGE

Formica® Magnetic Laminate should be stored in the same conditions as other DecoMetal® and Formica® laminates. Formica® Magnetic Laminate should be stored flat and transported as this can cause irreversible damage to the sheet and will be more difficult to fabricate.

FABRICATION

Formica® Magnetic Markerboard can be fabricated using similar techniques to all other Formica® Laminate; however, certain recommendations should be followed to ensure a good finish.

TCT circular saw blades should be used with a minimum of 60 teeth per blade with a tooth thickness of 1.8mm. The diameter of the blade should be 305mm. Saw blades with a negative hook are also recommended.

Care should be taken when cutting the magnetic laminate sheets as sparks and flying chipping can occur. Eye protection must be worn even when guards are in place!

CAUTION: Steel based laminates will generate sparking thus all dust collection equipment should be turned off to avoid a fire hazard.

Formica® Magnetic laminate cannot be trimmed like conventional Formica® laminates, as the cutters burn out very quickly due to the steel content of the laminate. For sizing, it is recommended that the laminate is bonded to a substrate and cut to size. The sawn edge can be smoothed with a metal file to remove any burrs.

Surfaces are protected by a removable film. After the removal of the film and before using the product for the first time, thoroughly clean the surface with isopropyl/rubbing alcohol (IPA). Do not use detergents.

SUBSTRATES

Formica Magnetic Laminate can be bonded to the same substrates as conventional Formica laminate.

ADHESIVES

Formica® Magnetic Laminate can be bonded with the same adhesives as conventional Formica® laminate and other DecoMetal® laminates. PVA of contact adhesive will give the best results, but bonding has to be done under continuous pressure.

Cold or hot pressing can be done; maximum temperature for hot pressing is 60°C. All adhesive spillage should be removed immediately with a damp cloth.

BALANCING

Panels laminated with Formica® Magnetic Markerboard should be balanced with the same magnet laminate on the reverse. A minimum bonded sheet thickness of 12mm is recommended. No guarantees of flatness can be given on sheets less than this thickness.

If panel flatness is not essential, or the back of the panel is hidden, then lesser grade balancing laminates are available. Please contact Technical Services for further details.

NOTE: The above is intended as a guide only. It is recommended that tests be carried out before any major fabrication is undertaken.

USE AND CARE

Use only markers that are designed for use on erasable markerboard surfaces. Dry erase can be removed with a microfiber cloth.

It can be cleaned with a damp cloth and mild detergent. Shadows and ghosting may be removed with markerboard cleaner and conditioner designed specifically for dry erase surfaces.

Do not polish or wax the surface.

Use of abrasive cleaners, powders, scouring pads, steel wool, sandpaper etc., will damage the finish and permanently reduce the performance of the decorative dry erase surface.

Acid or alkaline-based cleaners, compounds, etc., will mar, etch, corrode and permanently discolor the decorative surface. Never use these materials on magnetic dry erase boards, nor allow containers, rags etc., contaminated with them to come in contact with the surface. Accidental spills or splatters should be wiped off immediately and the area cleaned with a damp cloth.

EXAMPLES OF THESE MATERIALS ARE:

- Drain cleaners
- Coffee pot cleaners
- Ceramic cook-top cleaners
- Chlorine bleach
- Lime, mildew and soap scum remover disinfectant
- Toilet bowl cleaners
- Rust Removers
- Metal Cleaners
- Tub and tile cleaners
- Oven cleaners

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LIMITED WARRANTY

Formica Corporation expressly warrants that, for a period of one (1) year from the date of first sale, these products will be reasonably free of defects in materials and workmanship, and that when properly handled and fabricated, will conform, within accepted tolerances, to applicable manufacturing specifications. This limited warranty only applies to Formica® Brand laminate which is stored, handled, fabricated and installed in the manner recommended by Formica Corporation. Due to the variety of uses and applications to which Formica® Brand laminate may be put, FORMICA CORPORATION CAN MAKE NO WARRANTY THAT THIS PRODUCT IS SUITABLE FOR ANY PARTICULAR PURPOSE AND CAN MAKE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, OTHER THAN THOSE SET FORTH ABOVE.

Buyer's exclusive remedy for any loss or claim resulting from the use or inability to use this product shall be replacement of the defective laminate, or at the option of Formica Corporation, return of the product and refund of the purchase price. IN NO EVENT SHALL FORMICA CORPORATION BE LIABLE IN EITHER TORT OR CONTRACT FOR ANY LOSS OR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES.

This limited warranty gives the purchaser of Formica® Brand laminate specific legal rights. Other rights may be available which vary from state to state.

Any information or suggestion concerning applications, specifications or compliances with codes and standards is provided solely for your convenient reference and without any representation as to accuracy or suitability. Formica Corporation disclaims any legal responsibility. The user must verify and test the suitability of any information or products for the specific application.

IMPORTANT NOTICE

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MANUFACTURER

Formica® Brand Laminate sheets are manufactured by Formica Corporation.

TECHNICAL SERVICES

Technical assistance may be obtained through your local Formica® Brand Products Distributor or from Formica Corporation trained representatives in sales offices throughout the country. To assist these representatives, Formica Corporation maintains a sales and technical services staff in Cincinnati, Ohio. For technical assistance, contact your distributor or sales representative; write the company directly at Formica Corporation Technical Services Department, 10155 Reading Road, Cincinnati, OH, 45241; call (513) 786-3578 or 1-800-FORMICA™; or fax (513) 786-3195. In Canada, call 1-800-363-1405. In Mexico, call (525) 530-3135.

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