

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. 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 marker. This can be removed using a felt-based eraser. Depending on the quality of the markers no ghosting should occur; however, if ghosting does occur then this can be removed by using whiteboard cleaning foam.

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!

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 a conventional spirit (ethyl alcohol). 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 or UF 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.

NOTES

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 "white board" eraser or clean 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.

MAGNETIC MARKERBOARD LAMINATE TECHNICAL DATA CONTINUED**(USE AND CARE CONTINUED)****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

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.

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MANUFACTURER

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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 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.

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