

ULTRA MOUNT

PHOTOS AND GRAPHICS LOVE THIS BOARD

ULTRA MOUNT is the show-stopper of mounting boards. It performs with all the surface quality and rigidity of higher priced foam boards, and is available in a variety of plain and adhesive surfaces.

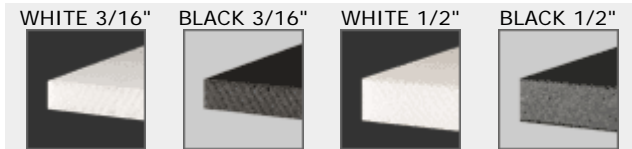
Original Ultra Mount is a favorite for framed art and photos and is often used for in-store decor and exhibits. It is a heavy-duty board with 18-pt poly-coated paper liners perfect for laminating, dry mounting, cold mounting, screen printing, paints or vinyl.

Ultra Mount panels are lightweight but durable and will not warp or bow like other foam boards. The coated surface lets you reposition a print or vinyl lay-up without damaging the paper liner.

Ultra Mount also comes in Peel N' Stick and Heat N' Stick versions for convenience and simplicity. Ultra Mount Peel N' Stick comes coated on one side with high tack pressure sensitive adhesive and Ultra Mount Heat N' Stick comes coated on one side with heat activated adhesive. These are ideal for mounting a variety of materials including computer-generated digital graphics, photographic papers, prints, artwork, posters, drawings, charts, and virtually any type of paper or plastic.

Original Ultra Mount comes in white or black in thicknesses from 3/16" to 1" in 48" x 96" sheets. Custom-cut and custom-run sizes are also available.

Ultra Mount Peel N' Stick and Ultra Mount Heat N' Stick are available in a 3/16" thickness in 10 pre-cut sizes from 8" x 10" to 48" x 96".



ULTRA MOUNT

TECHNICAL GUIDE



GENERAL

ULTRA MOUNT is a lightweight structural panel consisting of a rigid polystyrene foam core faced on both sides by poly coated Kraft paper. The foam and facers are permanently bonded together. The face laminates have been specially developed to provide a good surface for painting, silk screening, photo mounting and vinyl lay up. ULTRA MOUNT is an excellent choice for interior signage, photo mounting, exhibits, and point of purchase displays.

EXTERIOR USAGE

ULTRA MOUNT is not recommended for exterior use. The paper facers of these panels will not withstand extended exposure to moisture.

WARPING

ULTRA MOUNT panels are manufactured and packaged flat. Under most circumstances ULTRA MOUNT panels will remain flat. Potential for bowing is greater in thinner panels that have been treated differently on one side than the other, i.e., coating panels on only one side, or exposing one side to extreme moisture. For extremely critical applications, thicker panels should be used.

FACING SURFACES

ULTRA MOUNT panels have poly coated Kraft paper facers. The polyethylene coated paper makes an exceptional surface for painting and silk-screening; vinyl lettering can be removed without destroying the panel surface.

CUTTING

CIRCULAR SAWS:

ULTRA MOUNT can be cut with circular saw blades specifically designed for cutting paper faced foam boards. General Saw Corporation, 1-800-772-3691, makes a blade (PLF series) that will produce excellent results. Other blade manufacturers make thin-rimmed high speed carbide-tipped plastic cutting blades (72-80 25-degree alternating teeth on a 10" dia. blade). Band saws with similar tooth design can be used.

HAND CUTTING:

ULTRA MOUNT can be cut by hand with mat knives, utility knives and razor blades. The key to getting a smooth, clean cut with a knife or razor is to use a very sharp, thin blade held at as low an angle as possible in relationship to the board. This reduces friction and allows the foam to slice rather than tear. It may be more practical to make the cut in more than one pass, especially if the board being cut is thicker than 1/2".

LAMINATING / GLUING:

No special surface preparation is required when gluing to the face of ULTRA MOUNT. The surface should be kept clean and free of any oil-based contaminants. Although many adhesives will work on ULTRA MOUNT, care should be taken in choosing an adhesive for its intended use. Always test the adhesive before a production run and always follow the adhesive manufacturers instructions.

PAINTING

ULTRA MOUNT panels need no special preparation before painting. For best results the surface should be clean and free of any contaminants. This is best achieved by simply wiping the surface with a dry cloth. ULTRA MOUNT can be painted with poster colors, acrylic paints, tempera, India ink and latex-based pigments. Caution should be taken when using oil based or solvent base systems, not to allow the paint to come in contact with the polystyrene core. These types of paints are likely to attack and deteriorate the foam core. The core may be required to be coated with a water based primer before solvent based paints can be used on the core.

PRINTING:

GENERAL:

ULTRA MOUNT panels are rigid, lightweight and easy to handle. The facers accept most printing inks well. Caution should be taken with any ink. Always test ink on ULTRA MOUNT prior to production run. Allow 24-48 hours after test printing to evaluate the suitability of the ink for the intended application. Follow all of the ink manufacturers instructions.

For best results in silk screening ULTRA MOUNT panels, it is recommended the panels be cleaned to avoid the clogging of screens. This can be accomplished by wiping the panel with a tacky cloth prior to printing.

DRYING:

Drying by oxidation and evaporation is recommended. Allow the freshly painted panels to dry the length of time suggested by the particular paint manufacturer. Forced drying by hot air ovens is not recommended.

ULTRA VIOLET INKS:

U.V. inks are not recommended for use with ULTRA MOUNT.

SCREENING INKS:

The following inks have shown excellent results with ULTRA MOUNT.

Ink Designs, Inc.

Flat Poster Ink (F.P. Series)
Hydra Print Ink (H.P. Series)
Multi-Purpose (M.P. Series)
Poly-Enamel (P.E. Series)
Value-Poster (V.P. Series)

Ink Designs International

Naz-Dar / KC

Echo Print (E.O. Series)
7500 Gloss Poster Ink
Satin Poster (S.P. Series)

MOUNTING

GENERAL:

ULTRA MOUNT was specifically designed with photo moulder's needs in mind. The combination of ULTRA MOUNT's high density core and thick poly-coated surface results in a warp free board that will maintain its exceptionally smooth surface finish after the photo mounting process is completed. Cold mounting, dry mounting and spray adhesives work well on ULTRA MOUNT. To prevent any tendency of bowing when mounting, it may be necessary to apply a counter-mount of comparable strength on the backside. Always test adhesives on ULTRA MOUNT prior to a production run and always follow the manufacturer's instructions.

DRY MOUNTING:

When dry mounting on ULTRA MOUNT, the temperature of the press should follow the adhesive manufacturer's directions. Generally, the lower recommended temperatures work best. If possible, keep temperatures below 200°F. and residence time less than one minute. It may be necessary to pre-heat the panel before mounting to prevent any tendency of bowing.

PRESSURE SENSITIVE MOUNTING:

Pressure sensitive adhesives, depending on the product used, may be used with or without press equipment. The following pressure sensitive films have shown excellent results when used on ULTRA MOUNT.

GBC (800) 723-4000

Artic Dura Mount

Artic Advance Mount

Seal (800) 966-4554

Print Mount Ultra

Print Mount One

Print Mount Plus

Optimount

Durotech Corp. (800) 827-1379

Duromount E

Duromount W

Duromount U

Duromount R

Drytac (888) 622-3236

Media Tac

Rubber Tac

Sure Tac

Media Tac White

Quality Mounting (800) 552-9427

Mista Bond #8387M-96-44