



MATT MEISTER TECHNICAL GUIDE

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SPECIAL GUIDELINES FOR MATT MEISTER

Matt Meister is a super matt product with PU+ and multiple acrylic coatings on a melamine faced board or a compact.

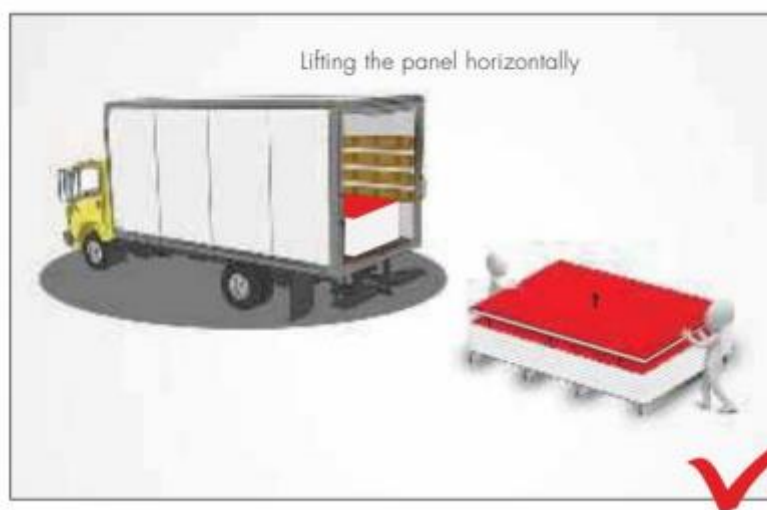
PU+ and multi-acrylic layers create entirely new surface properties as compared to classic varnished surfaces. This technology makes the surface lastingly elastic and improves its processability as a single solid surface. It is resistant to scratches as well as dry heat and is available in a variety of colours.

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To ensure the product maintains its performance, follow the processing guidelines closely.

HANDLING & STORAGE

Always lift Matt Meister panels horizontally while carrying them.



During material loading/unloading, ensure the panels are lifted cleanly and don't scrape or slide over each other.

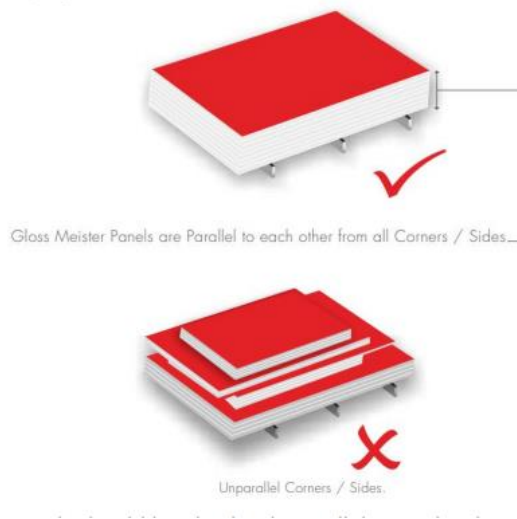


Stack the panels carefully, placing a protective laminate over the top and under the bottom panel. Usually Matt Meister panels are stacked in lots of upto fifteen, with one sheet of 2mm or thicker laminate each at the bottom and similar laminate on the top.

Additional weights may be placed over the top cover, in a balanced and uniform manner. Any irregular placement of excess weight may lead to telegraphing or warpage.



Store the panels safely in racks, ensuring that they are parallel to each other in the rack and never in contact with walls or the ground.



FABRICATION

Matt Meister panels are used for diverse applications where a high deep matt is required along with high performance qualities. This allows for easy machining of the product.

It is still recommended to closely follow fabrication guidelines to minimize any chances of warpage or damage to the sheets.

CUTTING

Merino recommends cutting Matt Meister panels to size using CNC cutting process. Use tools with carbide tips and sharp edges. Feed speeds should range between 20 -25 meters/min. The spindle speed should remain high at appx 20K rpm.

Another option for cutting is the beam Saw. When using beam saw to cut the Matt Meister Panels, please ensure that blade used is sharp and carbide tipped, preferably with 3 to 5 Teeth per cm. For beam saw generally the main saw must be run at 4000 rpm with a feed speed of 25 meters/min. Always use scoring blade to avoid chipping at the back side of the panel. Use tools with minimal wear on them for best quality results.

CNC cutting doesn't allow for square corners, and attempting to create square-cut inside corners using other tools may cause stress cracking. All internal corners and cut-outs should be rounded as far as possible.

DRILLING

Mate Meister panels are well suited for drilling with both stationary and handheld drills. Use carbide or steel based drill bits, and a tipping angle of 100-120 degrees. Control the speed to avoid overheating during drilling which may leave the bit and burr marks.

CLEANING, CARE & MAINTENANCE

Merino Matt Meister panels have a deep matt surface, making them an attractive, premium product for any installation. The product also meets high performance standards, especially impact and resistance to scratches. To ensure the long lasting performance and an enduring look, please follow these guidelines.

1. Normal Cleaning: Clean the surface of Matt Meister with few drops of warm water and wipe the same with a soft cloth. If required, use a few drops of mild detergent or glass cleaner. Finish the cleaning with wiping dry with a soft cloth (micro fibre cloth).
2. Stains: Stains generated by strong dyes / colours / chemicals or fat / oil are to be removed using lot of water and if required, use normal, non-abrasive household cleaners. This is followed by cleaning with lukewarm water so that any residual soap, etc can be removed. Stains should be removed immediately and should not be allowed to dry.
3. Stubborn Stains – They should be removed using ordinary plastic cleaner or glass cleaner. Please test the cleaning product in a small area before applying in full.

SANITIZATION PROCESS

(APPLICABLE TO GLOSS MEISTER, MATT MEISTER, PLY MEISTER)

As Matt Meister surface is Acrylic and PU coated, we need to sanitize the surface with soap solution for 25-30 sec and wipe the surface till it is fully dry.

Alcohol based sanitizers mostly have Iso Propyl Alcohol (IPA), which may leave whitish effect on Meister surface. If at all alcohol need to be used, then only Methyl alcohol should be used for sanitizing. After cleaning, surface should be wiped dry using a soft, clean cloth.