



Westlam Industries Paint Grade MDO is a quality, one-step, paintable, general purpose MDO plywood for your signage, painting, industrial or general construction needs.

Features & Benefits

Westlam Paint Grade MDO is constructed with high strength Douglas fir inner plies using a unique one-step process. All adhesives used are fully waterproof phenolic resins that meet APA exterior glue bond standards.

Available in 48" x 96" and 24" x 96" in 3/8" to 1-1/8" thickness

- ✓ **Quality General Purpose Panel**
We use a unique one-step process allowing us to keep the panel affordable while maintaining the quality you expect from Westlam overlaid plywood.
- ✓ **One or Two Sided Options**
Our Paint Grade MDO panels are available in both one or two sided layouts to meet your specific projects needs.
- ✓ **Available with Hardwood Veneer**
Paint Grade MDO is available with a Hardwood Face and Back veneer allowing for a smoother finished product with less grain transfer than with a traditional softwood face.
- ✓ **Great for Industrial Paint Applications**
The overlaid face of our Paint Grade panel is great for applications that requires a primer and paint ready surface such as temporary signage, siding, industrial cabinets, soffits and fascia or crates.

Our Paint Grade plywood is not intended for reflective or high-gloss applications

Usage Instructions

Follow these guidelines to get the most out of Westlam Industries Paint Grade MDO plywood.

- ✓ **Storage and Handling**
Paint Grade MDO should always be stored in a clean, dry, well ventilated location without exposure to direct sunlight.
- ✓ **Working with MDO**
You should always use high-quality carbide-tipped cutting tools when working with Paint Grade MDO. This will help produce a cleaner finished product.
- ✓ **Weather Seal Before Exposure**
Before exposing Paint Grade MDO to outdoor conditions, an appropriate weatherproof paint and primer must be applied to all panel surfaces. We recommend speaking to your local paint expert about what products are best suited for your specific climate and task at hand.

Westlam Industries

Crown Performance Panels





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Get the most out of your plywood by following these simple guidelines

Care and Handling - Minimum Requirements

Crown Performance Panels are quality plywood panels designed to provide the maximum number of re-uses as possible. In order to achieve the full potential for these products, the following minimum care and handling procedures are required:

Storage

Crown Performance Panels need to be stored flat, on a dry, well drained, level platform, under shelter and otherwise protected. Steel straps should be cut and the forming surface on the top panel covered. Avoid exposure of the panel surface to direct sunlight and rain, to minimize surface degradation. Ensure panels are properly cleaned prior to stacking or storage.

Fabrication

Crown Performance Panels can be readily worked, with good quality hand or power tools (carbide tipped saw blades are recommended). Panels should be fixed to forming members with screws. If concrete appearance is a factor, screws should be countersunk and filled. Panel joint leakage or details can be reduced by filling joints with a suitable sealant between panel edges (please consult your sealant supplier for the proper product for your application). While panels are edged sealed at the factory, any field cuts or holes that exposed wood need to be resealed with a minimum of two coats of high quality polyurethane varnish to reduce moisture absorption. Damaged panels must always be appropriately repaired prior to re-use.

Release Treating

Crown 43, Crown 44 and Crown 48 are factory coated with Nox-Crete water based chemically active release agent. For safety and transportation reasons, Crown HDO and Crown Alkamax are not factory coated with Nox-Crete release agent. The use of Nox-Crete or equivalent release agents is highly recommended and with high alkaline concrete mixes, your release agent supplier can suggest a proper range of release agents for improved panel life span. Before first use, and after each pour, Nox-Crete or an equivalent chemically active release agent must be applied to all Crown concrete form panels. Do not use any form release agents that contain diesel fuel, solvents or engine oil. These will degrade the overlay surface and will negatively affect performance. Special caution must be taken with Melamine HDO panels such as our Crown Alkamax series, as they become slippery when wet.

Concrete Placement

Crown Performance Panels are resistant to abrasion and impact. However, as with any surface, it can be damaged through improper use. The rate of pour and slump factor of the concrete must be limited to that assumed in the design of the form. To minimize form damage, rubber tipped vibrators are recommended and should be used for consolidation only. Vibrators should never be used for moving concrete horizontally in the forms.

Stripping

With proper release treatment, stripping forms is easy. Do not force panels with metal pry bars, or allow panels to be dropped and mis-handled. The use of wooden wedges is recommended to loosen panels. Clean panels right after stripping prior to the hardening of residue. Use non-scratching tools such as stiff non-metallic brushes and plastic or wood scrapers. Once cleaned, remove all nails and screws, re-oil panels, and stack face to face to prevent rapid drying of the wood and overlay surface.

For further instructions please see APA's Concrete Forming Design / Construction Guide at: www.apawood.org



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