

Medium Density Overlay

MDO INDUSTRIAL PLYWOOD



Roseburg's medium density overlay (MDO) plywood is produced with a resin-impregnated fiber overlay offering an ideal surface for rapid, even paint application. Easy to finish and maintain, MDO plywood lends itself to all kinds of residential and commercial construction projects and applications, both interior and exterior.

MAKING LIVES BETTER FROM THE GROUND UP

 **Roseburg**

Medium Density Overlay

MDO INDUSTRIAL PLYWOOD

TECHNICAL DATA

Length	8'
Width	4'
Thicknesses	3/8", 1/2", 3/4"
Grades	Roseburg's MDO is made with a high-quality paper saturated with phenolic resin solids and overlaid on their exterior-grade plywood panels. Manufactured with water-resistant resins, all panels meet or exceed the veneer-grade, adhesion, and construction requirements of PS-1.
Face and Overlay	A layer of hardwood veneer covered by a smooth, water-resistant, phenolic resin-impregnated cellulose fiber overlay
Core	C grade western softwood veneer innerplies
Adhesive	Water-resistant no added urea formaldehyde (NAUF) exterior phenolic glue

CERTIFICATIONS AND STANDARDS

- APA Trademarked and Compliant with PS-1

INSTRUCTIONS FOR USE

Machining: Roseburg's MDO can be sawn, nailed, routed, shaped and drilled. Always use sharp, high-speed tools and take care to avoid marring the overlay surface.

Installation: Securely fasten panels using 6d nails on 3/8" and 1/2" panels and 8d nails on 3/4" and 1" panels. Space nails 6" on-center around all panel edges and 12" on-center at intermediate supports. Nails should penetrate at least 1" into the substrate material. Maximum support spacing is 24" on-center. Leave a 1/16" gap between panel edges. Spiral or ring shank nails offer the best holding power, but screws and bolts can also be used.

Finishing: Roseburg MDO should always be painted when exposed to weather or humid conditions. It is recommended that a primer coat produced by the same manufacturer as the finish coat be applied according to the manufacturer's specific application recommendations. Panels must be dry when applying the finish. Panels intended for exterior exposure should be edge-sealed with two heavy coats of top-quality exterior paint formulated for wood. Edges are most easily sealed when panels are in a stack.

Storage: Because Roseburg MDO is usually finished, it is important to keep the product dry before use. Roseburg recommends storing MDO panels in a warehouse or under-roof. If stored outdoors, units should be covered loosely with a protective material.

FEATURES AND BENEFITS

- The smooth paper overlay offers an ideal base for applying paint with less drip and minimal grain transfer
- The western softwood core is very stiff for strength and durability that will provide years of service given proper maintenance
- Available with the smooth resin impregnated cellulose fiber overlay on one or two sides
- Available factory primed on one side or both sides and edges

COMMON APPLICATIONS

- Lining for trucks and trailers
- RV manufacturing
- Commercial and highway signs
- Soffits and fascias
- Smooth finished columns
- Industrial containers, boxes and crates
- Display shelves and storage racks
- Gable ends
- Privacy fences and garage doors
- Cabinets and built-ins
- Siding

When used as siding, Roseburg MDO is durable, attractive and easy to maintain while providing the excellent natural insulation properties of wood.



3660 Gateway St, Springfield, OR 97477
800.245.1115 | [roseburg.com](https://www.roseburg.com)



ROS MDO 030926