



PLYWOOD PRODUCTS

MDO 1SF - Paper Face Hardwood Plywood

- 8' x 4' x 18mm Sheet Size
- Light Brown MDO Paper Overlay
- Film Back Face
- Waterproof Phenolic Glue
- 100% Hardwood (Acacia / Eucalyptus / Hevea)
- Edges Fully Sealed With Epoxy Paint



LOAD TABLES - WET STRESS

Span (Center to Center)	Face Grain Across Support		Face Grain Along Support	
	L/270 [kN/m ²]	L/360 [kN/m ²]	L/270 [kN/m ²]	L/360 [kN/m ²]
203mm	110	109	79	78
305mm	60	63	40	36
406mm	35	34	24	22
488mm	27	22	16	14
610mm	14	12	6.5	6

Note: Load tables provided by APA: The Engineered Wood Association. Applicable for plywood across three spans.



PLYWOOD CARE & HANDLING GUIDE

Proper storage, handling, and maintenance of plywood formwork extends its service life and ensures consistent performance on site. Follow these best practices to protect your panels and maintain quality across multiple uses.

Storage & Transport

- Protect from the elements: Always keep panels away from standing water and prolonged exposure to direct sunlight.
- Allow ventilation: Cover stacks with breathable material so air can circulate without trapping heat or moisture.
- Keep level: Store panels on a flat, stable surface to prevent bending or warping.
- Stack with care: Pile sheets evenly, placing face-to-face and back-to-back to minimize surface damage.
- Between jobs: Bundle panels into manageable packages to reduce handling damage and keep surfaces protected.



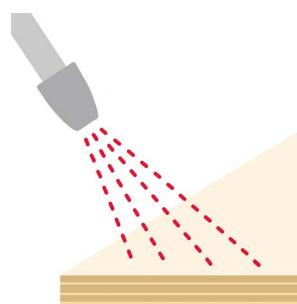
Protect from outside elements

Preparation for Forming

- Our plywood panels are supplied with factory-sealed edges to resist moisture. Any cut edges should be resealed before use.
- Repair and seal: Fill gaps with suitable putty and reseal exposed edges after cutting.
- Apply release oil: Coat panel surfaces with form oil before every pour to reduce adhesion and extend life.
- Support correctly: Fasten bracing or supports to the back of the panel to avoid damaging the face.
- Handle gently: Do not drop panels from heights—lift and place carefully to prevent edge and surface damage.



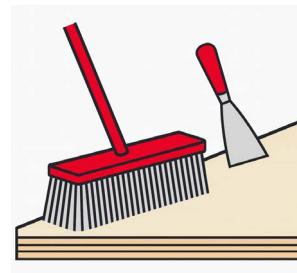
Seal exposed edges and holes



Coat with release oil before use

After Use

- Strip carefully: Avoid metal pry bars; instead, use wooden wedges and tap gradually to release the panel from concrete.
- Clean promptly: Wash panels immediately after stripping, using non-abrasive tools to avoid scratching.
- Degrease if required: Rinse with water to remove residue before re-applying release agent.
- Re-seal edges as needed: Maintain edge protection to guard against moisture penetration on the next use.



Clean & service plywood after use

Pro Tip: Consistent cleaning and sealing after every job can double the lifespan of your panels and reduce overall project costs.