

PERI HARDWOOD MDO/RW

Paperface Hardwood Plywood



Features

- One side light-brown MDO-coating overlay (paper)
- Reverse side – raw wood veneer
- Waterproof Bonding - Phenolic Resin Glue
- 1220x2440x18 mm panels
- 12-ply, constructed from mix hardwood
- All edges are sealed



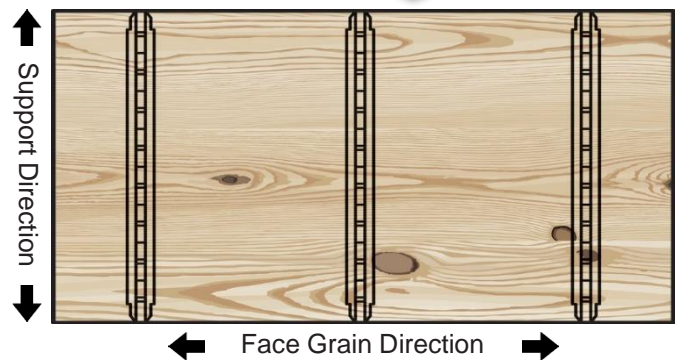
Panels have been tested for strength and stiffness, in configurations that mimic the use of formwork plywood over multiple spans.



Load-Span Tables

Supports Perpendicular to Long Direction of Panel		
Support Span	L/270	L/360
Center to Center Distance Between Supports (mm)	kN/m ²	kN/m ²
203 mm	175	131
305 mm	52	39
406 mm	22	16
488 mm	13	9
610 mm	6	5

Tables are for w, kN/m², applied to formwork



Supports Parallel to Long Direction of Panel		
Support Span	L/270	L/360
Center to Center Distance Between Supports (mm)	kN/m ²	kN/m ²
203 mm	117	102
305 mm	40	30
406 mm	17	13
488 mm	12	9
610 mm	6	5

Tables are for w, kN/m², applied to formwork



PERI Panel Products

How to extend the lifetime of formwork plywood

Proper handling and cleaning extends the lifetime of plywood panels. This guide shows how to handle and use your PERI formwork plywood. To achieve the best results and the maximum number of re-uses of your plywood, please follow these instructions.

Storage and Transport

- Protect the panels from contact with water and direct sunlight
- Cover stacks loosely to allow air circulation without heat build up
- Store on levelled ground to avoid deflection
- Panel forms should be carefully piled flat, face to face and back to back
- Immediately after stripping, panels can be stacked into small packages with faces together
- Storing plywood into stacks in between jobs helps minimize the risk of damage to the panels

Preparation for forming

PERI plywood is supplied with all four edges sealed for protection and to reduce moisture penetration. Restore edge protection after cutting panels to size:

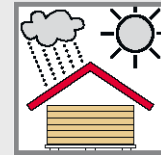
- Fill any open gaps with putty and seal
- Seal unprotected edges when cutting plywood to size
- Oil the panels before each use
- For minimal damage to the panel surface, supports should be fastened to the back of the panel

Avoid dropping panels

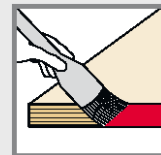
Workers on site need to handle the panels properly and avoid dropping the panels from high levels.

After use

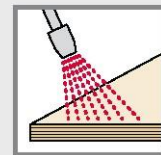
- When stripping panels, do not force panels with metal prys bars
- Use wood wedges, tapping gradually to strip the panels from the concrete surface
- Clean plywood panels immediately after use
- Immediately after stripping, panels should be cleaned with non scratching tools
- Use water to degrease the plywood surface before re-applying release agent



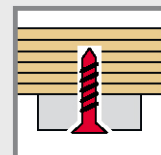
Protect from weather



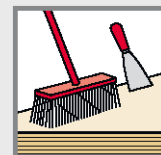
Seal edges & holes



Oil panels before use



Fasten from the back



Clean panels after use

Note

This information does not apply for plywood installed within a system formwork.

Disclaimer

The above information is a guide only. PERI does not accept any liability and/or assume responsibility for the number of re-uses or the concrete surface finish quality, as both are affected by various factors that are out of our control.



PERI Canada
Formwork Scaffolding Engineering
45 Nixon Road
Bolton, Ontario
Canada
Phone +1 (905) 951-5400
Fax +1 (905) 951-5455
info@peri.ca
www.peri.ca