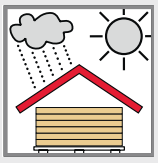
PERI Panel Products

How to extend the lifetime of formwork plywood

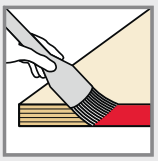
Proper handling and cleaning extends the lifetime of plywood panels.
This guide shows how to handle and use your PERI formwork plywood. To achieve best results and a maximum number of re-uses of your plywood, please follow these instructions.

Storage and transport
- Protect the panels from contact with water and direct sunlight.
- Store on leveled ground to avoid deflection.
- Do not move the pallet after removing the strapping.



Protect from weather

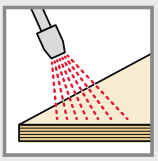
Preparation for forming
Coated PERI plywood is supplied with all four edges painted for protection and to reduce moisture penetration. Make sure to restore the protection after cutting or drilling panels.
- Fill any gaps between the veneers with putty and seal the edges afterwards.
- Pilot tie-rod holes before drilling.
- Paint unprotected edges and drill holes at least once with an edge sealant. Contact your local paint supplier for an appropriate enamel or acrylic edge sealant.



Seal edges & holes

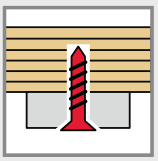
Oil the panels before each use. For best results, use a high-quality and biodegradable release agent like PERI Bio Clean.

For minimal damage to the panel surface, support should be fastened to the panel from the back.



Oil panels before use

How to minimize the "rippling" effect
The quality of the concrete finish and the number of reuses of formwork plywood are affected by the conditions on the construction site. Formwork panels are likely to be delivered to the site in a relatively dry condition (< 15% mc). When first exposed to the weather conditions on site and also during the initial uses of the panels, moisture uptake may cause localised swelling of the wood veneer, which may leave impressions in the finished concrete surface. This effect is known as "rippling" and is particularly common with plywood overlaid with a phenol film. This type of plywood should therefore be "conditioned" prior to first use, e.g. by applying a wet cement slurry or grout wash. Localised swelling should then become less noticeable.



Fasten from the back

After use
- Clean the plywood panels immediately after use.
- To avoid damage to the surface, use plastic or nylon tools.
- Use soapy water to degrease the surface before applying release agent again.
- Repair small scratches with a suitable mastic or arabic gum.
- Fill any holes or scratches with mastic or epoxy filler.



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 quality, as both are affected by various factors that are out of our control.

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