

Furuida Formply F17

A solution developed specifically for Australia

Furuida Formply is a high quality film faced plywood developed and engineered specifically for the Australian market. With a three tier quality control program comprising; a detailed 'Manufacturing Specification' adhered to by trained staff; regular, detailed and recorded in house testing on key quality requirements; and independent grading, testing and certification carried out by SAI-Global and the University of Technology Sydney (UTS), Furuida Formply provides assurance of quality and consistency. All veneer in the manufacture is certified Forest Stewardship Council (FSC) from sustainable forests.

Construction: Panel code: 17-09-11
 17 mm nominal thickness
 0.9 mm face veneer
 11 plies
 F17 Outer veneers – birch. Core – eucalyptus

Film: 60/ 165 g/m² black phenolic resin coating, 2 sides

Glue bond: Phenolic resin. A-bond.

Edge seal: Edges are sealed with 2 layer acrylic paint.

Stress Grade: F17, Applies in both the parallel and perpendicular directions to the grain.

Standard: AS 6669 – 2007 Plywood – Formwork

Finish: Capable of a Class 2 off-form finish on first pour when used in conjunction with good site and formwork practices and AS 3610 (subject to conditions).

Formaldehyde Emission: Super E0

Environmental: FSC Certified

Tolerances: Thickness: +/- 0.5 mm
 Squareness: +/- 1.0 mm

Stress Grade	Nominal Thickness (mm)	Dimension (mm)	Weight (kg/sheet)	Parallel to face grain		Perpendicular to face grain		Packing Unit (sheets)
				Moment of inertia	Section modulus	Moment of inertia	Section modulus	
				I (mm ⁴ /mm)	Z (mm ³ /mm)	I (mm ⁴ /mm)	Z (mm ³ /mm)	
F17	17	1800 x 1200	23	230.0	26.8	176.0	22.5	40
F17	17	2400 x 1200	31	230.0	26.8	176.0	22.5	50

Independently Certified

Furuida Formply is independently certified to AS 6669-2007 by the Standardsmark (five ticks) program of SAI Global.



**Formwork
Scaffolding
Engineering**

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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.

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.

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

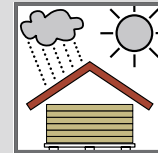
For minimal damage to the panel surface, support should be fastened to the panel from the back.

How to minimize the 'rippling' effect

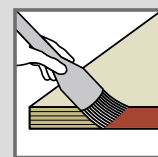
The quality of the concrete finish and the number of reuses of formwork plywood are affected by the conditions on the construction site. Formwork panels are likely to be delivered to the site in a relatively dry condition (< 15% mc). When first exposed to the weather conditions on site and also during 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.

After use

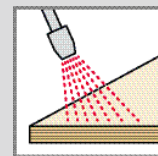
- Clean the plywood panels immediately after use.
- To avoid damage to the surface, use plastic or nylon tools.
- Use soapy water to degrease the surface before applying release agent again.
- Repair small scratches with a suitable mastic.
- Fill any holes or scratches with mastic or epoxy filler.



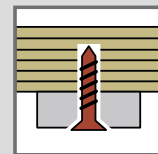
Protect from weather



Seal edges & holes



Oil panels before use



Fasten from the back



Clean panels after use

Please contact your PERI Sales Engineer for further information and samples:

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