

Product and Purpose

Shield Formply Australia Pty Ltd are an Australian company who manufacture and supply premium grade Class 2 F17 formply. Shield Formply targets the primary formwork segments of the Australian construction and civil works markets by providing:

F17 Class 2 Premium Board - for premium grade Class 2 requirements

Shield Formply has evolved into a recognised manufacturer and supplier of Australian Standard formply.



Shield's **F17** is made from veneer hardwood plywood harvested from **legally managed** sustainable forestry plantations with certification under the global *Forest Stewardship Council*



FSC Code: SAI-COC-002550

Shield's F17 **proprietary** high quality "matt film" is scientifically developed using world renown **Dynea Oy** material from Finland. **Dynea Oy** resins and adhesives are used to provide exceptional bonding strength for durability. Shield Formply is test certified by Intertek to meet **Australian Standard (AS) 6669 - 2007**

Shield Formply Product Specifications - Primary Details

Stress Grade	Class	Product Name	Thickness (mm)	Characteristic Strength (MPa)		Short Duration Average Modulus of Elasticity (MPa)	Dimensions	Weight / Sheet	Packing Unit (Sheets)
				Bending (f'b)	Panel Shear (f's)				
F17	2	Premium	17	48	5.3	14,700	1800 x 1200	25.5 kg	40



Shield Formply

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F17 Shield Formply Detailed Specifications

Materials:	17mm consisting of 11 Plies: Core Plies - Eucalyptus Hardwood, Outer Plies - Birch
External Film:	Shield's proprietary " Matt Film " is sourced from Dynea Oy of Finland
Edge Seal:	2 layers of acrylic paint plus Shield's unique Quality Control Identification paint
*Glue Adhesive Bond:	Phenolic Resin - A Bond Industrial Adhesive Resin from - Dynea Oy of Finland * Shield Formply's heavier weight is due to increased glue surfaces between plies
Standards:	Class 2 when used in conjunction with good site practises, stored horizontally in dry conditions and managed by cleaning and preparing each sheet to ensure sealed surfaces facing concrete pour have not been damaged for future re-use.
Certification:	SAI - Global (5 ticks) Standards Program: AS 6669-2007 Plywood—Formwork
FSC Certification / Environment:	FSC Code: SAI-COC-002550
Formaldehyde Emission:	Super EO
Comments	Australian company focused on manufacturing and supply of premium grade formply at wholesale pricing to the Australian construction markets.



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