

**STRUCTA™**

# **BUILD STRONG BUILD STRUCTA™**

**PRODUCT BROCHURE**



**STRUCTAply™**



# STRUCTAp<sup>ly</sup><sup>™</sup>

Australia's leading structural plywood brand, STRUCTAp<sup>ly</sup><sup>™</sup> is manufactured from sustainably grown plantation resources and certified to AS/NZS 2269 and AS 6669, ensuring trusted performance and quality.

Designed for strength, durability, and versatility, STRUCTAp<sup>ly</sup><sup>™</sup> offers a premium range of structural plywood solutions. Available in both treated and untreated options, the range spans an extensive selection of grades, sizes, and thicknesses to meet a wide variety of appearance and performance requirements.

# THE FULL RANGE



## STRUCTAply™ SQUARE EDGE

Formerly known as:  
Ecoply Structural Square Edge

STRUCTAply™ Square Edge is structural-grade plywood. With a range of uses throughout the building industry, it is commonly selected for uses such as bracing, interior linings, membrane substrates, hoardings and DIY projects, where known structural characteristics are required. It is available in a range of surface grades, sheet sizes, thicknesses and treatments.

STRUCTAply™ Square Edge plywood is manufactured under a third-party audited quality control programme and is certified by the Engineered Wood Products Association of Australasia (EWPA) as compliant with AS/NZS 2269 for Structural Plywood.

### Features & Benefits

- Manufactured from sustainably grown plantation resource
- Available in C and D surface appearance grades
- Sheet thicknesses 7mm to 42mm
- Sheet dimensions 2400 x 1200mm
- Available untreated as standard, with H2 and H2S glue-line and H3 LOSP preservative-treated options available on a made-to-order basis
- Low formaldehyde emission, Super E0 < 0.3mg/L as tested to AS/NZS 2098.11
- PEFC/ Responsible Wood chain of custody certification



## STRUCTAply™ FORMWORK

Formerly known as:  
Ecoply Formrite Formply

STRUCTAply™ Formwork is a high quality plywood produced from graded Pinus radiata. Overlaid with a hard durable resin-impregnated paper, it has a smooth finish, and its hard phenolic surface makes it both reusable and durable. Glued with a phenol formaldehyde resin A-Type Marine bond, STRUCTAply™ Formwork can withstand the rigours of construction moisture and with the addition of a cross-laminate construction it is also less likely to expand or contract when exposed to rain and temperature changes, making it an effective formply solution.

STRUCTAply™ Formwork is manufactured under a third-party audited quality control programme and is certified by the Engineered Wood Products Association of Australasia (EWPA) as compliant with AS 6669 for Plywood – Formwork.

### Features & Benefits

- Multiple number of re-uses – subject to sheet care and maintenance
- Suitable to modern optimised form systems such as table forms and jump forms
- Applicable to a range of frame spacings, concrete slab thicknesses and surface tolerances
- Provides builders and form workers with an ideal surface for pouring concrete with a Class 2 concrete finish on the first pour
- Can be used on steel or timber form frame systems
- Low formaldehyde emission (E0)
- Lighter in weight than hardwood alternatives



## STRUCTAply™ FLOORING

Formerly known as:  
Ecoply Plyfloor Flooring

STRUCTAply™ Flooring is a strong, durable sanded panel suitable for structural flooring in residential, commercial and industrial applications, particularly where added strength is required. STRUCTAply™ Flooring is available in a range of thicknesses and features machine grooved long edges with a plastic tongue, forming a tongue and groove joint between sheets.

STRUCTAply™ Flooring is designed to be used as a substrate for harder wearing flooring overlays, and is not primarily intended for clear finishing, especially if it is exposed to moisture during construction.

STRUCTAply™ Flooring is manufactured under a third-party audited quality control programme and is certified by the Engineered Wood Products Association of Australasia (EWPA) as compliant with AS/NZS 2269 for Structural Plywood.

It is suitable for internal dry applications including: sports stadiums, agricultural buildings, transportable homes, modular buildings, garages, offices and factories.

### Features & Benefits

- Manufactured from sustainably-grown plantation resource
- Carbon negative, even when manufacture and transportation are taken into account
- Superior spanning capability for thickness - higher stiffness, strength and span than many other wood-based substrates of a similar thickness
- Withstands rain and exposure during normal construction periods
- Compatible with underfloor heating systems
- Available untreated as standard, with H2 glue-line and H3 LOSP preservative-treated options available on a made-to-order basis
- Lowest formaldehyde emission classification < 0.3mg/L as tested to AS/NZS 2098.11
- PEFC/ Responsible Wood chain of custody certification

# STORAGE & HANDLING

Structural plywood requires care in storage and handling. The following suggestions will help keep the plywood in good condition before use and after installation:

- The storage area should be ventilated and protected from sun, rain and wind, which would otherwise bring about rapid changes in temperature and humidity
- Support for the sheets should be provided at both ends and middle to avoid distortion
- The stack should be kept dry and clear of ground contact and placed so that it will not be exposed to mechanical damage
- The sheets should be stacked on their flat, NOT on their edge
- To avoid staining, fading and surface checking, the sheets should not be exposed to the weather while awaiting installation



# PRODUCT SPECIFICATIONS

## Product Range

| IN     | Sheet Dimensions |                 |              |           |          | Product Grade |         | Weight Chart |                 |                               | Applications |                  |                    |                          |                 |                     |                   |
|--------|------------------|-----------------|--------------|-----------|----------|---------------|---------|--------------|-----------------|-------------------------------|--------------|------------------|--------------------|--------------------------|-----------------|---------------------|-------------------|
|        | Product          | Product ID Code | Thickness mm | Length mm | Width mm | Stress Grade  | Grade   | Pack Size    | Weight/sheet kg | Coverage/sheet m <sup>2</sup> | Bracing      | Interior linings | Temporary hoarding | Timber flooring underlay | Boxes/packaging | Membrane substrates | Concrete formwork |
| 700003 | Square Edge      | 7-24-3          | 7            | 2400      | 1200     | F8            | CD      | 75           | 11              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700006 | Square Edge      | 9-30-3          | 9            | 2400      | 1200     | F8            | CD      | 60           | 14              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700009 | Square Edge      | 12-24-5         | 12           | 2400      | 1200     | F8            | CD      | 45           | 19              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700076 | Square Edge      | 12-24-5         | 12           | 2400      | 1200     | F11           | CD      | 45           | 19              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700010 | Square Edge      | 15-30-5         | 15           | 2400      | 1200     | F8            | CD      | 35           | 23              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700077 | Square Edge      | 15-30-5         | 15           | 2400      | 1200     | F11           | CD      | 35           | 24              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700011 | Square Edge      | 17-24-7         | 17           | 2400      | 1200     | F8            | CD      | 32           | 27              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700078 | Square Edge      | 17-24-7         | 17           | 2400      | 1200     | F11           | CD      | 32           | 27              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700013 | Square Edge      | 19-24-7         | 19           | 2400      | 1200     | F8            | CD      | 28           | 29              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700079 | Square Edge      | 19-24-7         | 19           | 2400      | 1200     | F11           | CD      | 28           | 30              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700014 | Square Edge      | 21-30-7         | 21           | 2400      | 1200     | F8            | CD      | 25           | 33              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700080 | Square Edge      | 21-30-7         | 21           | 2400      | 1200     | F11           | CD      | 25           | 33              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700015 | Square Edge      | 25-30-9         | 25           | 2400      | 1200     | F8            | CD      | 20           | 39              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700081 | Square Edge      | 25-30-9         | 25           | 2400      | 1200     | F11           | CD      | 20           | 40              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700058 | Square Edge      | 32-30-11        | 32           | 2400      | 1200     | F11           | CD      | 15           | 51              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700394 | Square Edge      | 42-30-17        | 42           | 2400      | 1200     | F11           | CD      | 15           | 67              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700254 | Formwork         | 7-24-3          | 7            | 2400      | 1200     | F8            | -       | 75           | 11              | 2.88                          | -            | -                | -                  | -                        | -               | -                   | ✓                 |
| 700198 | Formwork         | 12-24-5         | 12           | 2400      | 1200     | F11           | Class 2 | 55           | 19              | 2.88                          | -            | -                | ✓                  | -                        | ✓               | -                   | ✓                 |
| 700120 | Formwork         | 17-24-7         | 17           | 1800      | 1200     | F14           | Class 2 | 40           | 21              | 2.16                          | -            | -                | ✓                  | -                        | ✓               | -                   | ✓                 |
| 700122 | Formwork         | 17-24-7         | 17           | 2400      | 1200     | F14           | Class 2 | 40           | 29              | 2.88                          | -            | -                | ✓                  | -                        | ✓               | -                   | ✓                 |
| 700413 | Formwork         | 25-30-9         | 25           | 2400      | 1200     | F11           | Class 2 | 20           | 40              | 2.88                          | -            | -                | ✓                  | -                        | ✓               | -                   | ✓                 |
| 700019 | Flooring         | 12-24-5         | 12           | 2400      | 1200     | F11           | CD      | 45           | 19              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700020 | Flooring         | 15-30-5         | 15           | 2400      | 1200     | F11           | CD      | 35           | 24              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700454 | Flooring         | 15-30-5         | 15           | 2250      | 1200     | F11           | CD      | 35           | 23              | 2.7                           | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700021 | Flooring         | 17-24-7         | 17           | 2400      | 1200     | F11           | CD      | 32           | 27              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700466 | Flooring         | 17-24-7         | 17           | 2250      | 1200     | F11           | CD      | 32           | 25              | 2.7                           | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700023 | Flooring         | 19-30-7         | 19           | 2400      | 1200     | F11           | CD      | 28           | 30              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700464 | Flooring         | 19-30-7         | 19           | 2250      | 1200     | F11           | CD      | 28           | 28              | 2.7                           | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700026 | Flooring         | 21-30-7         | 21           | 2400      | 1200     | F11           | CD      | 25           | 33              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700468 | Flooring         | 21-30-7         | 21           | 2250      | 1200     | F11           | CD      | 25           | 31              | 2.7                           | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700027 | Flooring         | 25-30-9         | 25           | 2400      | 1200     | F11           | CD      | 20           | 40              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700386 | Flooring         | 25-30-9         | 25           | 2250      | 1200     | F11           | CD      | 20           | 37              | 2.7                           | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |
| 700059 | Flooring         | 32-30-11        | 32           | 2400      | 1200     | F11           | CD      | 15           | 51              | 2.88                          | ✓            | ✓                | ✓                  | ✓                        | ✓               | ✓                   | -                 |

Porta is more than just a timber and panel supplier. We're a trusted partner, delivering purpose-driven products, reliable service, and local expertise. Proudly Australian, we're committed to lasting quality and progress.

The STRUCTA™ range is part of the Porta family. Built on generations of know-how, every product is engineered to perform under pressure and deliver the durability builders trust.

We've long been the backbone of the Australian building industry, driven by a genuine commitment to local manufacturing and getting the job done right. Strengthened by our STRUCTA™ range, we are continuing that legacy and setting the standard for structural building solutions.

Performance you can count on, powered by local knowledge and made to keep your projects moving with confidence.

# porta



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