



'Pink Primed LOSP Treated Architectural Pine'

All **Woodhouse Weatherproof**® is manufactured to comply with the relevant Australian Standard for Structural Exterior Products listed below:

- ✓ **AS 5068 – 2006: Timber – Finger Joints in Structural Products**
– Production requirements (Superseded: AS/NZS 1491:1996)
- ✓ **AS/NZS 1328 – 1996: Glued laminated structural timber**
– Performance requirements and minimum production requirements

Whilst the standards are voluntary and compliance is up to the individual manufacturer, all products should be fit for the purpose they were intended and supplied to the market accordingly. All manufacturers of the **Woodhouse Weatherproof**® range comply with the necessary guidelines stipulated in these Australian Standards.



SERVICE CLASS 1 Service Class 1 shall be characterized by a material moisture content corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 65% for a few weeks per year.

NOTE: In Service Class 1 the average equilibrium moisture content in most softwoods will not exceed 12%.

SERVICE CLASS 2 Service Class 2 shall be characterized by a material moisture content corresponding to a temperature of 20°C and a relative humidity of the surrounding air only exceeding 85% for a few weeks per year.

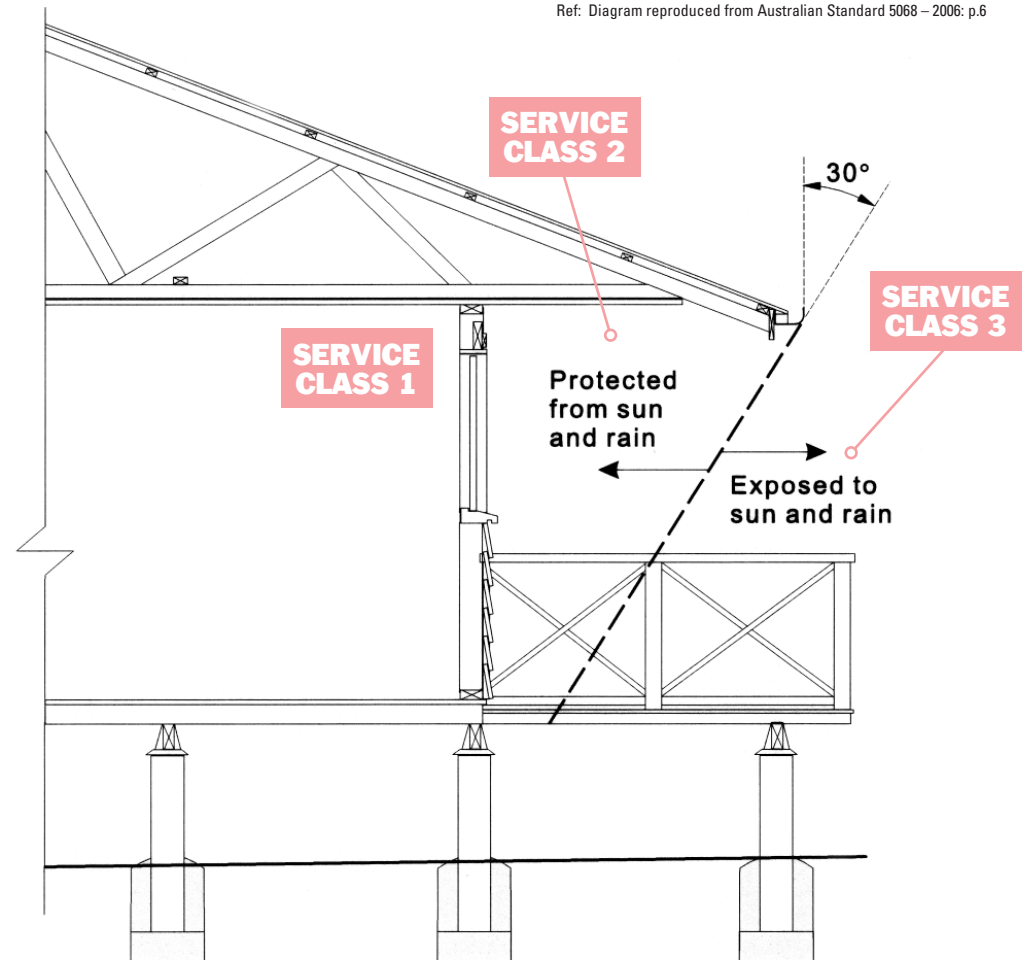
NOTE: In Service Class 2 the average equilibrium moisture content in most softwoods will not exceed 20%.

SERVICE CLASS 3 Service Class 3 shall be characterized by climatic conditions leading to higher moisture contents than Service Class 2, or where timber is directly exposed to sun and/or rain.

Technical Data

Australian Compliance: Finger Joints and Adhesives

Ref: Diagram reproduced from Australian Standard 5068 – 2006: p.6



Proof in design... Proof in construction... Proof over time...
All the Proof you need... **Woodhouse Weatherproof**®

Specifications are subject to change without notice, in accordance with national regulations and legislations. All material and content remains the property of, and is copyright to, the Woodhouse Timber Company. For further information on housing designs please contact the Woodhouse Marketing Department at the Queensland office.





'Pink Primed LOSP Treated Architectural Pine'

Product applications

Woodhouse Weatherproof® product members (structural and non-structural) have been listed below with examples of the adhesive types required by either AS5068 or 5069-2006:

FINGER JOINTED: STRUCTURAL		AS 5068-2006
Type of Adhesive for given Service Conditions	Product Member	Adhesive Types Permitted**
Service Class 1 Interior – Dry	F7 Structural Beams (unlaminated) Example: Floor joists	Type II Examples: • Melamine-urea formaldehyde (MUF) • EPI + Type I
Service Class 2 Internal – Humid External – Protected	F7 Structural Beams Examples: Rafters, Verandah Beams	Type I Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol
	GL8 Laminated Structural Beams and GL8 Laminated Posts Examples: Verandah Beams / Posts	Type I – AS/NZS1328 Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol
Service Class 3 Internal – Hot & Humid External – Exposed	F7 Structural Beams Example: Pergola Rafters	Type I Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol
	GL8 Laminated Structural Beams, GL8 Laminated Posts and Laminated Handrails Examples: Pergola Beams / Posts / Handrails	Type I – AS/NZS1328 Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol

** These adhesive examples do represent an exhaustive list, and are for glue-line purposes only.

Ref: AS 5068-2006 and AS 5069-2006

Technical Data

Australian Compliance: Finger Joints and Adhesives

FINGER JOINTED: NON-STRUCTURAL		AS 5069-2006
Type of Adhesive for given Service Conditions	Product Member	Adhesive Types permitted (Options: Type I or II)
Service Class 1 Interior – Dry	Mouldings	Type I or II Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol adhesives • Polyurethanes • Melamine-urea formaldehyde (MUF) • EPI • Epoxies Adhesive Types Classified to EN 204 D4 Examples: • Melamine-urea formaldehyde (MUF) • EPI • Cross-linked PVAc
Service Class 2 Internal – Humid External – Protected	Exterior Painted Mouldings, Cladding, Weather Boards, Fascia, Door Jambs etc	Type I or II Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol adhesives • Polyurethanes • Melamine-urea formaldehyde (MUF) • EPI • Epoxies Adhesive Types Classified to EN 204 D4 Examples: • Melamine-urea formaldehyde (MUF) • EPI • Cross-linked PVAc
Service Class 3 Internal – Hot & Humid External – Exposed	Unpainted Fascia	Type I or II Examples: • Phenol-resorcinol formaldehyde • Resorcinol formaldehyde • Tannin-modified resorcinol adhesives • Polyurethanes • EPI Adhesive Types Classified to EN 204 D4 Examples: • Melamine-urea formaldehyde (MUF) • EPI • Cross-linked PVAc

Proof in design... Proof in construction... Proof over time...
All the Proof you need... **Woodhouse Weatherproof®**

Specifications are subject to change without notice, in accordance with national regulations and legislations. All material and content remains the property of, and is copyright to, the Woodhouse Timber Company. For further information on housing designs please contact the Woodhouse Marketing Department at the Queensland office.

