

# FIRE RETARDANT LIQUID NF

- ✓ Innovative passive fire retardant
- ✓ Inhibits the spread of fire once the source of fire is removed
- ✓ Single component treatment for all softwood timbers
- ✓ Bushfire resistant timber that withstands exposure up to a BAL-29 condition



## TIMBER FLAME RETARDANT CLEAR COATING

Cyndan Fire Retardant Liquid NF is an innovative chemical breakthrough in fire prevention. In the quest to provide the Australian building industry with the latest products, to protect timber from the threat of fire, Fire Retardant Liquid NF was developed. This product is the result of three years extensive research. When tested by the CSIRO (as per their Certificate on our website) radiata pine samples which were treated with Fire Retardant Liquid NF satisfied the requirement for bushfire-resisting timber specified in AS 3959:2009 Construction of Buildings in bushfire prone area Appendix F F1 and F2(a).

As per clause F1 of Appendix F, this means timber coated with Fire Retardant Liquid NF will be deemed to be acceptable to withstand exposure up to a BAL-29 condition.

The CSIRO testing was not subjected to the weathering procedure of ASTM D2898 Method B as specified by Appendix F F2(b) of AS 3959. At the discretion of the regulatory authority this material may be approved for use in situations where it is protected from the weather as referred to in Appendix F F2(b) of AS3959. This refers to the timbers being covered by a roof protection (or similar) at 30 degrees or greater to the vertical and they are well detailed and maintained (i.e. painted or stained after the Fire Retardant Liquid NF is first applied to the timbers) and kept well ventilated.

Cyndan Fire Retardant Liquid NF is a single component treatment that inhibits the spread of fire in its initial stage by isolating the combustible materials from the flames. A minimum of 2 coats required and 2<sup>nd</sup> coat must be applied before 1<sup>st</sup> coat has dried.

Product must be applied to raw/untreated timbers and allowed to dry before painting over. Product can be stained and sealed with either Water or Oil based treatments.



### SIZE:

5L, 15L, 25L, 205L, 1000L

### SPECIFICATIONS:

- Specific gravity: 1.15
- Solids by volume: 33%
- Fungus resistance: excellent
- Application: brush, roller, spray
- Application rate: 6-9m<sup>2</sup> per Litre per Coat
- Min. 2 coats required
- UV Resistance: good
- Toxicity: non toxic
- Flashpoint: non flammable
- Colour: green
- Finish: clear



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