

CYNDAN'S 2 FIRE PROOFING PRODUCTS

TIMBER

Cyndan Firetard 120

What is Firetard 120?

Cyndan* FIRETARD 120 is an innovative chemical breakthrough in fire prevention. In the quest to provide the Australian building industry with the latest products, FIRETARD 120 has been developed as a result of three years of extensive research. When tested, radiata pine samples treated with Cyndan FIRETARD 120 met the required AS/NZS 3837.

FIRETARD 120 is a single component treatment that has endless applications, It inhibits the spread of fire in its initial stages by isolating the combustible materials from the flames.

Specific gravity	1.15
Solids by Volume	33%
Fungus resistance	Excellent
Application	Brush, Roller, Spray
Application Rate	6-9 m ² per litre min. 2 coats
UV Resistance	Good
Toxicity	Non Toxic
Flashpoint	Non Flammable
Colour	Milky White
Finish	Translucent

Cyndan* Fire Retardant Liquid, FIRETARD 120, was developed due to a new performance-based building code, which was introduced into Australia to encourage innovation in building design and construction.

Now with the advent of the performance-based designs, new synthetic materials and analysis tools, it has been determined by the Australian Building Code Board that alternative test procedures such as AS/NZS 3837 and ISO 9239.1 are more suited to providing suitable data and deemed to satisfy performance indicators than the previous test procedure.

Radiata pine samples treated with Cyndan* FIRETARD 120 have been assessed by the CSIRO as meeting the new AS/NZS 3837 as a fire retardant treated timber as specified by clause 1.5.6 of AS 3959, Construction of Buildings in Bushfire Prone Areas, 1999.

FABRIC

Cyndan Fabric Fire Proofing

Cyndan Fabric Fire Proofing is a water based solution for the treatment of fabric. It is intended for in-situ treatment of curtains, carpets and soft upholstery materials. Natural fibres and mixtures of natural and synthetic fibres can usually be satisfactorily treated.

Natural fabrics are generally acceptable for treatment. These include cotton, sea grass matting, velvet and carpet.

Cyndan Fabric Fire Proofing is supplied as a ready to use product. Apply by airless sprayer for best results. Coverage rate depends upon fabric being treated. Normally 1 litre of solution is needed for every kg of material. As a guide 5m²/L on 140gm/m² cotton to 1m²/L on 3.2kg/m² carpet.

Tests have been carried out on selected fabrics, to AS1530.2-1973, Early Fire Hazard properties of Materials and AS1530.3.K1982, Test for Flammability of Materials. Very low indices for both standards have been achieved for materials composed of cotton, wool, nylon and rayon. These certificates are available upon request.

Cyndan Fabric Fire Proofing is resistant to dry cleaning. After washing however retreatment is necessary. Carpets should be cleaned and retreated after 9-12 months. Other materials need retreating every 2-3 years to maintain effectiveness.

AS1530.2-1973

Test for Flammability of materials

Speed Factor	0	Range 0-60
Spread Factor	0	Range 0-40
Heat Factor	0	Range 0-upwards
Flammability Index	0	Range 0-100 for most materials

AS 1530.3.1982

Early Fire Hazard properties of Materials

Ignitability Index	0	Range 0-20
Spread of Flame Index	0	Range 0-10
Heat Evolved Index	0	Range 0-10
Smoke Developed Index	0-1	Range 0-10

No Specimens Ignited



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