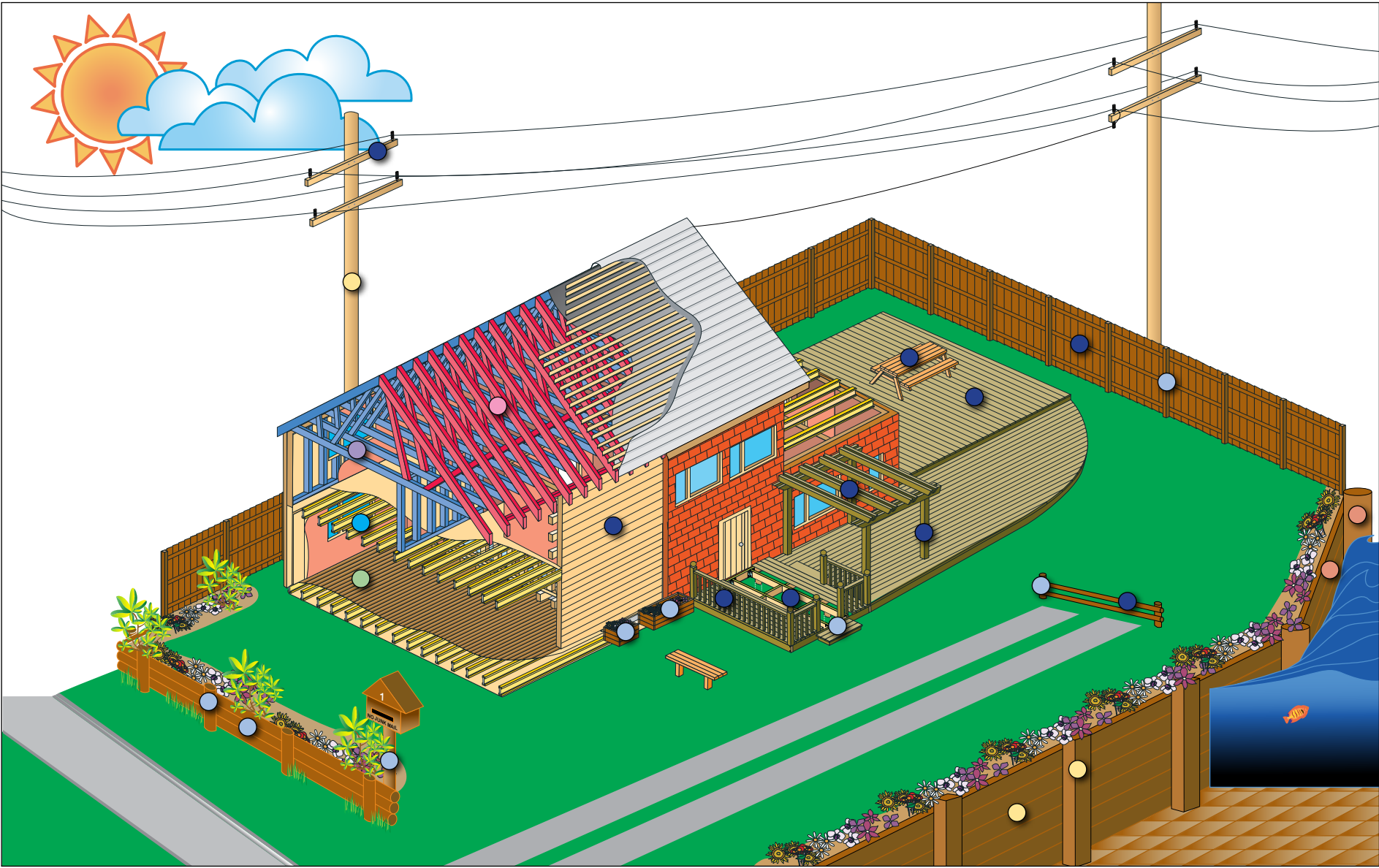


Guide to the Australian Hazard Class System (as noted in AS/NZS1604)



Hazard Class 1

Exposure: Inside, above ground
Conditions: Completely protected from the weather, well ventilated, and protected from termites
Biological Hazard: Lyctid borers
Typical Uses: Susceptible framing, flooring, furniture, interior joinery

Hazard Class 2

Exposure: Inside, above ground
Conditions: Protected from wetting and leaching
Biological Hazard: Borers and termites
Typical Uses: Framing, flooring and similar, used in dry situations

Hazard Class 2F

Exposure: Inside, above ground
Conditions: Protected from wetting and leaching
Biological Hazard: Borers and termites although approved for use South of the Tropic of Capricorn only.
Typical Uses: Framing envelope treatment

Hazard Class 2S

Exposure: Inside, above ground
Conditions: Protected from wetting and leaching
Biological Hazard: Borers and termites although approved for use South of the Tropic of Capricorn only.
Typical Uses: LVL/plywood, envelope and glue-line treatment

Hazard Class 3

Exposure: Outside, above ground
Conditions: Subject to periodic moderate wetting and leaching
Biological Hazard: Moderate decay, borers and termites
Typical Uses: Weatherboard, fascia, pergolas (above ground), window joinery, framing and decking

Hazard Class 4

Exposure: Outside, in-ground
Conditions: Subject to severe wetting and leaching
Biological Hazard: Severe decay, borers and termites
Typical Uses: Fence posts, garden wall less than 1m high, greenhouses, pergolas (inground) and landscaping timbers

Hazard Class 5

Exposure: Outside, in-ground contact with or in fresh water
Conditions: Subject to extreme wetting and leaching and/or where the critical use requires a higher degree of protection
Biological Hazard: Very severe decay, borers and termites
Typical Uses: Retaining walls, piling house stumps, building poles, cooling tower fill

Hazard Class 6

Exposure: Marine waters
Conditions: Subject to prolonged immersion in sea water
Biological Hazard: Marine wood borers and decay
Typical Uses: Boat hulls, marine piles, jetty, cross-bracing, landing steps, and similar

Approved Koppers Preservative Systems (see back page for details)	HAZARD CLASS							
	H1	H2	H2F	H2S	H3	H4	H5	H6
Lifewood® CCA **	✓	✓			✓	✓	✓	✓
MicroPro®	✓	✓			✓	✓	✓	
Naturewood ACQ®	✓	✓			✓	✓	✓	
Protim® LOSP	✓	✓						
Protim® Optimum	✓	✓			✓			
Determite® H2F			✓					
Determite® H2S				✓				
Inshield™	✓	✓						

Please Note:

The illustration on this page is not a specification guide; its purpose is to depict the various treated timber Hazard Classes as noted in AS/NZS1604.

The Blue colour shown on some of the internal framing depicts “Blue” termite resistant timber framing treated with Determite. “Blue” termite resistant timber framing is restricted for use South of The Tropic of Capricorn only.

The “Red” internal timber depicts framing treated with PROTIM LOSP H2.

*Refer to the complete standards for more detailed information as per AS/NZS1604 and NSW TMA
** Please note: CCA treated timber has some limitations to its use in Australia. CCA treated timber cannot be used for garden furniture, picnic tables, exterior seating, children's play equipment, patio and domestic decking, and hand rails. Alternative treatments such as MicroPro®, NatureWood® ACQ® and Protim® Optimum are registered for use in these applications. Koppers recommends either of these preservative options as suitable alternatives.