

Treatment

APP Timber*DuraPine* wood is treated with non **Copper Azole** solution in pressure vessels to ensure full penetration of the sapwood. This non arsenic treatment is effective against termites and fungal decay. There are two type of treatments; above ground (AG) and in-ground (GC). The preservation formulation has been in commercial use since 1992 and is now used for treated wood in 15 countries. It is now the most effective and successful alternative to CCA treated wood. It is an ideal choice for housing, resorts (include sea-side), garden structures, patios, decks, playground equipments, outdoor furniture, etc.

Though the compositions of the preservatives differ, many of the characteristics of **APP Timber*DuraPine*** treated wood are very similar to those of traditional treated wood. For instance, **APP Timber*DuraPine*** treated wood has an initial greenish colour. It is produced by pressure treatment. IT is odourless and clean to the touch. It undergoes a chemical fixation reaction, which bonds the preservative to the wood.

As for longevity, the service life of **APP Timber*DuraPine*** treated wood has been proven through actual use around the world. In providing this extended life to wood, **APP Timber*DuraPine*** treated wood reduces demands of forest resources.

Most of the differences between wood treated with copper azole and standard treated wood involve the chemistry of their preservative solutions. Preservative ingredients are copper and azole. Traditional treated wood uses CCA-copper, chromium and arsenate. Treating procedures, retention levels and warranties are nearly identical. **The United States Environmental Protection Agency (EPA) classifies CCA as restricted use pesticide, but the preservative in APP Timber*DuraPine* is not restricted.**

APP Timber*DuraPine* initially greenish will turns to a honey brown colour when exposure to sunlight and can last for an extended period before slowly fading to gray. It can be painted or stained if desired and, to avoid premature moisture damage, will benefit from periodic water repellent coatings for best appearance.

Recommended On Site Treatment

Once you cut or drill or shape the timber it is very important to treat those affected areas with a hand-on applied coating such as “Enseal” available and supplied by Arch Wood Protection or any similar product.

Recommended Hardware

Hot-dipped galvanized fasteners (meeting ASTM A153) and connectors (ASTM A653 Class G185 sheet) or better are recommended for protection against moisture often present where treated wood is usually used. Untreated steel and aluminium should not be used in direct contact with this wood.