

### WHAT DOES CCA STAND FOR ?

Copper Chrome Arsenate, a water-borne preservative solution used to treat timber intended for outdoor use.

### WHAT IS CCA TIMBER ?

Timber treated with a solution containing the naturally occurring elements of Copper, Chrome and Arsenic.

- Copper acts as a preservative to enhance the durability of timber exposed to the elements.
- Chrome hardens the timber and discourages the growth of mould.
- Arsenic protects the timber against termites and borers.

### ISN'T ARSENIC POISONOUS ?

Arsenic is a naturally occurring chemical element with the symbol As.

Arsenic occurs in many minerals, usually in conjunction with sulphur and metals, and also as a pure elemental crystal.

Arsenic and its compounds, are used in the production of pesticides, treated wood products, herbicides, and insecticides. Trace quantities of arsenic are an essential dietary element in hamsters, goats, chickens, and many other species, including humans.

### ISN'T CCA TIMBER BANNED ?

No. Australian recommendations for the use of CCA timber are as follows:

- CCA-treated timber should not be used to build children's play equipment, patios, decking, hand-rails, seating or picnic tables.
- CCA-treated timber can be used for poles, fencing, landscaping timbers, piling and other structure foundations, residential construction, industrial and commercial construction, rural and farm use, fresh and salt water structures, signage and boat construction.

These recommendations have been made as a precaution since there is no evidence to suggest that CCA-treated timber is harmful when handled or used properly.

### WHY USE CCA TIMBER ?

Untreated timber has a short life when used in outdoor applications or when buried in the ground (fence posts).

By treating timber with the naturally occurring elements of Copper, Chrome and Arsenic, it's useful life is extended considerably.

### WHY USE TIMBER ?

On semi-rural properties and hobby farms, the primary fencing options are timber, metal and PVC.

Metal is a finite resource and in the case of steel posts (star pickets) can pose significant injury risks to horses. Welded metal fences are practical for small areas such as stable and cattle yards, but when used for paddock or house garden fencing, can become prohibitively expensive.

PVC fencing is not robust enough to last when used for paddocks or yards. In addition to being the least fire retardant option, PVC fencing will become brittle over time in our harsh summer climate.

Timber is a naturally occurring resource, attractive, versatile and durable. When used correctly, timber fencing is a safe option for horses and other stock and can easily be installed and maintained by a home handyman or property owner.

### NOTE:

- CCA timber has been found safe to use in fencing and construction applications but you should wash hands and clothes after handling or cutting CCA timber.

## Also available

- **Estimating Worksheet**
- **Product Fact Sheets**

### Products in the PERMApole range

- **PERMApoles & PERMARods**
- **PERMApole Bollards**
- **PERMApole Sleepers**