Formulation Summary
• Alkaline Copper Quaternary formulations
• Copper primary protection
• Quat-supplemental protection against copper tolerant fungi and termites
• No EPA listed carcinogens

Retention Levels
• Equivalent performance to CCA in:
  - Above Ground 0.25 pcf
  - Ground Contact 0.40 pcf
  - Fresh Water Immersion 0.40 pcf
  - Marine Splash Zone 0.40 pcf
  - Permanent Wood Foundation 0.60 pcf
• Available with water repellent ACQ WR

Fastener Performance
• Same fasteners (hot dipped/stainless) as for CCA and building code recommendations for treated wood.
• Excellent performance of recommended fastener systems in the US over the past seven years.
• Accelerated Industry Standard tests show equivalent performance to CCA.

Fixation
• Fixation of copper and quat is highly effective, resulting in long-term performance equivalent to that achieved with CCA.

Treatment Plant Performance
• Cycle times equal to or better than CCA.
• Similar penetration in SYP and Red Pine.
• Enhanced penetration in Douglas Fir, W. Hemlock and Ponderosa Pine.
• True solution, no agitation required.
• No temperature controls required.
• ACQ is formulated to minimize plant corrosion. Corrosion rates are lower than 0.15 mils per year.

Environmental Profile
• Independent scientific studies have reported no adverse effects from the use of ACQ treated wood in sensitive aquatic environments.
• Depletion levels for ACQ components from treated wood are equivalent to losses of CCA components from wood in service.
• Alkaline copper systems similar to ACQ are EPA approved for use in reservoirs, fish farms and agricultural canals for algae control.
• Winner, 2002 EPA Presidential Green Chemistry Award.

Approvals and Standards
Approved and standardized by industry standards and building codes.
• American Wood-Preservers’ Association (AWPA)
• ICBO ES – (International Conference of Building Officials) including Formosan Termite Zones
• BOCA (US Building Code)
• CSA (Canadian Standards Association)
• AASHTO
• NES (National Evaluation Service)

ACQ is the most widely used non-arsenic, non-chromium, water-based wood preservative in the world.