

Dura Q CuNap

CROSS TIES

Copper naphthenate Dura Q-CuNap is an EPA-registered oil-borne wood treatment developed in 1903, standardized by AWPA in 1948 and listed for the treatment of ties since 2004. Copper naphthenate preservative has performance equal to creosote and is proven in more than 50 years of research and in-track use.

Copper naphthenate ties are being used by Norfolk Southern and CSX as a GREEN part of their tie program. Dura Q-CuNap ties are lighter in color and have cleaner handling characteristics, virtually no drippage and less odor.



Dura Q-CuNap is made with oil-soluble copper, yet in spite of its copper content, Dura Q-CuNap treated wood is non-conductive as shown in testing and several case studies.



COPPER NAPHTHENATE FACTS



treatments

- Copper is one of the best wood preservatives in wide use today because of its broad efficacy against decay fungi and wood destroying insects.
- Even with this proven performance, it is classified by EPA as a general use (non-restricted) pesticide and considered safe enough to be used by consumers.
- During World War II it was used to supplement wood preservation because creosote supplies were limited and it had the same efficacy.
- Copper naphthenate was used for years to treat canvas tents for the military.
- Copper naphthenate does not contain any materials that will blister and burn when it comes into contact with skin.
- Copper naphthenate treated ties can be used as boiler fuel or incinerated in permitted facilities. They can also be used as a fuel source to create energy.
- In June 2013, the AREMA Board of Directors gave final approval for sections 3.6 and 3.7 for wood preservatives which added copper naphthenate treatments for ties and timbers. The guidelines and recommendations will be published in the AREMA 2014 Manual for Railway Engineering.

Dura **Q** **CuNap**

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