

Treated Sawn Posts



Nominal 4 x 4 inch fence posts used to support test racks were inspected when they were removed from service after 10 years. Untreated posts were installed at a later date.

Commodity: Square fence posts

Test method: Ground contact

Test Site: Westham Island, BC

Date of installation: 1980

Preservative: CCA, type C*

Treatment: Pressure treatment to CSA O80.2

Wood Species: Hem-fir

Condition of Untreated Samples: 100% failed or severely decayed after 5 years

Condition of Treated samples: 97.5% serviceable after 10 years

Note: one post out of 40 decayed at an untreated bolt hole.

Projected average service life of properly treated product in a similar climate: Over 20 years

* Type C is the most modern formulation of CCA.