

Treated Decks



The CCA-treated boards in our decking test are not re-finished with stains or water-repellants which would further improve their appearance and service life. Of the two species within the hem-fir group, Pacific Silver fir is the more treatable and the more dimensionally stable of the two species.

Commodity: Decking

Test method: 1.2 x 1.2m deck panels, nominal 2 x 4 inch boards

Test Site: Vancouver, BC.

Date of installation: 1981

Preservative: CCA, type C

Treatment: Pressure treatment to CSA O80.32

Wood Species: Hem-fir (western hemlock and Pacific silver fir)

Condition of Untreated Samples: 88% of boards severely decayed or broken after 24 years (first failures at 7 years)

Condition of Treated Samples: 100% serviceable at 24 years

Projected average service life of properly treated product in a similar climate: Over 30 years

* Type C is the most modern formulation of CCA.