

Treated vs. Untreated Shakes



In this photo, Western Red Cedar shake roof panels are being inspected for deterioration. This site is maintained within the Malcolm Knapp Research Forest in Collaboration with the University of British Columbia Faculty of Forestry. CCA treatment not only stops decay but also reduces UV erosion by a factor of ten.

Commodity: Shakes

Test method: 1.2 x 1.2m roof panels

Test site: Haney, BC

Date of installation: 1973

Preservative: CCA, type B*

Treatment: Pressure treatment to CSA O80.35

Wood Species: Western red cedar

Condition of Untreated Samples: Roof failed after 20 yrs

Condition of Treated Samples: Roof 100% serviceable after 30 yrs

Projected average service life of properly treated product in a similar climate: Over 50 years

* An older formulation of CCA, not as effective as modern CCA (type C).