



Untreated



Perdure Treated

DETERMINATION OF RESISTANCE TO FUNGUS DEGRADATION

Jack Pine Exposed to Decay Fungi



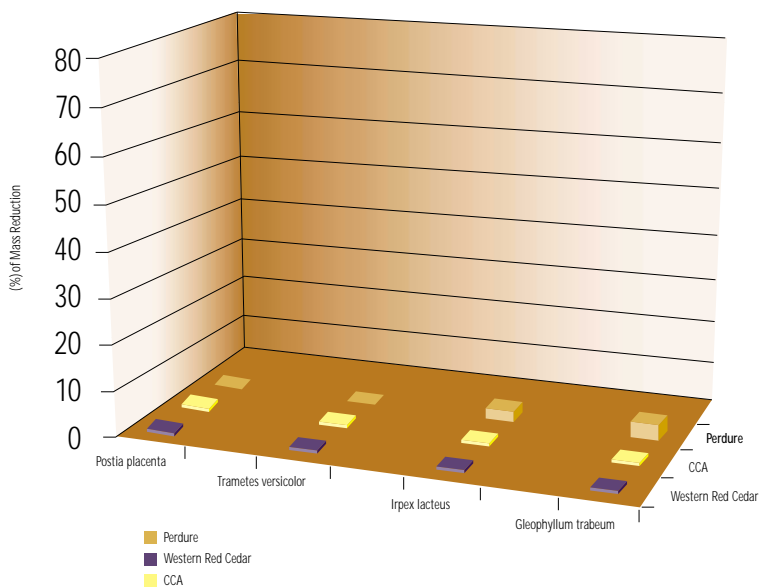
CCA



PERDURE

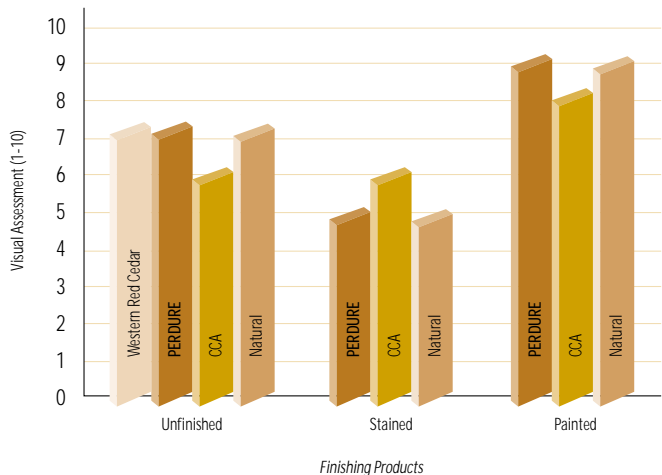
Forintek has identified that the mass losses of Jack Pine after 17 weeks of incubation are very low, and we observe no significant difference between Perdure Jack Pine (1.4%), Western Red Cedar (0.8%) and CCA (0.8%).

The Mass Reduction of Jack Pine in Function of the Type of Mushroom and the Type of Treatment.



DETERMINATION OF RESISTANCE TO AGEING

Visual Assessment Following an Accelerated Ageing Process



During the accelerated ageing process used on colour-stained CCA treated Jack Pine, Forintek observed the accumulation of sap deposits on the surface of samples with time. This phenomenon was not observed on colour-stained Perdure Jack Pine.



Grey Pine after 1,500 hours of ageing.



Grey Pine after 1,500 hours of ageing.

In general, Western Red Cedar developed long and deep cracks along the fibres. On the other hand, Perdure Jack Pine developed only thin surface cracks. The erosion of the stain used on Perdure Jack Pine was inferior to the stain used on natural wood.