

Durability of treated *Eucalyptus camaldulensis* Dehn. wood against subterranean termite in field test.

by

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Abstract

Eucalyptus camaldulensis Dehn. roundwoods were treated with CCA and CCB by using 3 preserving methods; soaking, hot and cold bath, and vacuum-pressure method before subjection to field test for proving their durability against subterranean termite by using choice test method. This experiment was conducted in 2 conditions; above-ground and in-ground condition within 30 months exposure period. Results revealed that, the treated roundwoods showed better performance, very durable and durable to the attack of subterranean termite, than the untreated ones in both conditions. For the untreated roundwoods, their durability were classified as perishable in the in-ground condition, and non durable in the above-ground condition. Types of wood preservatives and preserving methods of treatment indicated no significant difference in durability improvement of treated roundwoods within 30 months.

Key words : *Eucalyptus camaldulensis*, treated roundwood, water borne wood preservatives, subterranean termite resistance