

## ***Treated Millwork***



Millwork preservatives are evaluated using an accelerated test, which simulates the lower part of the opening light of a window. No protection from weather is provided, and an initial break in the paint film is deliberately applied. Millwork was once commonly treated with Pentachlorophenol but the registration for this use has been withdrawn.

**Commodity:** Millwork

**Test Method:** L-joint

**Test Site:** Vancouver, BC

**Date of installation:** Various

**Preservative:** Various

**Treatment:** Double vacuum

**Wood Species:** Ponderosa pine

**Condition of Untreated Samples:** 100% severely decayed or failed after 7 years

**Condition of Treated Samples:**

- 1.0% TCMTB: 100% serviceable after 5 yrs.
- 1.0% TBTO: 100% serviceable after 6 yrs.
- 1.0% propiconazole: 100% serviceable after 6 yrs
- 5.0% Pentachlorophenol: 100% serviceable after 6 yrs

**Preservative performance expected:** Equivalent to 5% Penta

Hem-fir, dip-diffusion treated with borate has also been evaluated as a millwork treatment.

**Commodity:** Millwork

**Test Method:** L-joint

**Test Site:** Vancouver, BC

**Date of installation:** 1990

**Preservative:** Disodium Octaborate Tetrahydrate

**Treatment:** Dip-diffusion

**Wood Species:** Hem-fir

**Condition of Untreated Samples:** 70% severely decayed or failed after 8 years

**Condition of Treated Samples:** 100% serviceable after 10 years

**Preservative performance expected:** Equivalent to 5% Penta