

BACKGROUND

CMI conducted field tests for rot and termite resistance on MiraTEC Trim and wood. The testing was performed by Louisiana State University in the swamps of southern Louisiana. Each test was run for 3 years, with observations recorded every six months.

ROT RESULTS:

Test standard:

AWPA E16 – Field Test for Evaluation of Wood Preservatives to be used Out of Ground Contact: Horizontal Lap-Joint Method.

Test dates:

May 2003 through June 2006

Test Variables:

MiraTEC 4/4 and MiraTEC 5/4
Southern Yellow Pine 4/4 and 5/4

Rating Scale:

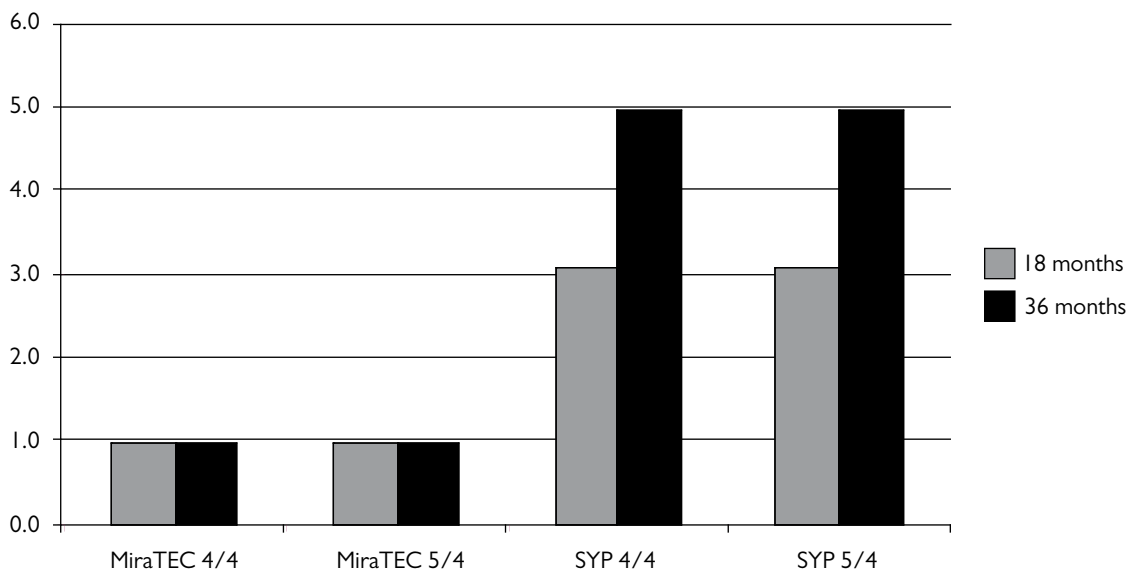
The test is rated on a 0-5 scale. A score of 0 indicates no evidence of rot and a score of 5 represents a total failure (eg. test sample was destroyed by rot). A score of 1.0 indicates that the sample shows trace attacks of rot, limited to superficial damage. Observations were recorded at the joints and laps (outside). Lap measurements are reported in this document.

Test results:

After both 18 months and 3 years of exposure, MiraTEC scored a 1.0 for both 4/4 and 5/4. A full breakdown of the observations follows.

After 3 years of exposure, the Southern Yellow Pine showed total failure, scoring 5.0 for both thicknesses tested. After 18 months, the Southern Yellow Pine received a rating of 3.1. A rating of 3.0 indicates moderate attack with softening of wood evident, consistent with rot decay in areas greater than 0.5" in².

ROT TEST



TERMITE RESULTS:

Test standard:

AWPA E7 – Standard Method of Evaluating Wood Preservatives by Field Tests with Stakes.

Test dates:

June 2003 through June 2006

Test variables:

MiraTEC 4/4 and 5/4.

Southern Yellow Pine 4/4 and 5/4.

Rating scale:

The rating scale is from 0 to 10, where a score of 0 represents complete failure and 10.0 represents no termite activity.

Test results:

After 18 months of exposure, MiraTEC showed less than 25% termite activity on both 4/4 and 5/4 samples. Over the same evaluation period, the Southern Yellow Pine was completely destroyed. The full test data for both 12 month and 18 month observations is recorded below.

TERMITE TEST

