Test Data

Two Product Coated Wood System

- DOT Wood Preservative
- Infusion Film

Infusion Film

Testing Method	Testing	Test Evaluation
ASTM D 3273-00	Mold growth on the film surface of interior coatings in an environmental chamber. 8 weeks test period	

	BluWood	vs.	Control
SYP	10		2
Plywood	10		1
OSB	10		2

10= no growth 1 = Complete growth

ASTM D-1633	Permeability of Infusion film	1.25 - 2.25 perms
ASTM D-1633 ASTM E 12-94	Non-Corrosive	**Control Uncoated SYP** (mils/yr) 23.708 — **BluWood Coated SYP** (mils/yr) 24. 109
ASTM G- 5377	Weather Resistance (accelerated 1 yr.) SYP	No visible deterioration cupping or splitting
Crosshatch Adhesion	Separation of Infusion Film from substrate (SYP) 0-5 scale	5- Substrate failed first
Cleveland Humidity Cabinet	500 Hrs. OSB	No visible degradation or change
FED Spec. TT-W-57 18	Water Repellency	Meets
Lateral Resistance	Treated vs. Untreated, SYP	No change – same
Structural strength	Treated vs. Untreated, SYP	No change - same

DOT Wood Preservative

EPA Reg. No. 64405-8-82005

Testing Method	Testing	Test Evaluation
AWPA STD E1-97 4 wk. test	Subterranean Termites, SYP	effective protection
	Formosan Termites, SYP	effective protection
	Carpenter Ants, SYP	effective protection
	Timber Beetles, SYP	effective protection
	Powderpost Beetles, SYP	effective protection
AWPA E 10-0 1 8 wk. test	Soil Block Test	effective protection
	Brown and White Rot	effective protection
	Southern Yellow Pine	effective protection

Additional Information

HUD	Accepted for above ground structural and sheathing wood components.

Storage of BluWood coated wood components:

Once dry, BluWood factory applied wood components can be exposed to standard exterior weather conditions for up to six months. **Longer exterior periods require BluWood coated wood components to be weather protected.**