

ICC-ES Evaluation Report**ESR-1980***

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SECTION: 06070—WOOD TREATMENT****REPORT HOLDER:****OSMOSE, INCORPORATED
1016 EVEREE INN ROAD
GRIFFIN, GEORGIA 30224-0249
(770) 223-4200
www.osmose.com****EVALUATION SUBJECT:****NATUREWOOD® AND MICROPRO™/SMART SENSE®
PRESSURE TREATED WOOD****ADDITIONAL LISTEES:****ALABAMA—GEORGIA WOOD PRESERVERS COMPANY
POST OFFICE DRAWER 9
LAFAYETTE, ALABAMA 36863-0009****ALJOMA LUMBER, INC.
10300 NORTHWEST 121 WAY
MEDLEY, FLORIDA 33178****ANTHONY WOOD TREATING, INC.
300 GUNTER STREET
HOPE, ARKANSAS 71802****BB&S TREATED LUMBER OF NEW ENGLAND
61 BONNEAU ROAD
NORTH KINGSTOWN, RHODE ISLAND 02852****BIEWER OF LANSING, LLC
6111 WEST MOUNT HOPE HIGHWAY
LANSING, MICHIGAN 48917****JOHN A. BIEWER COMPANY OF WISCONSIN
400 RED PINE COURT
PRENTICE, WISCONSIN 54556****BRACKETT BROTHERS CORPORATION
4875 BRACKETT LYLES DRIVE
MORGANTON, NORTH CAROLINA 28655****C.M. TUCKER LUMBER COMPANIES, LLC
POST OFFICE BOX 7
PAGELAND, SOUTH CAROLINA 29728-0007****CALIFORNIA CASCADE FONTANA, INC.
8395 SULTANA AVENUE
FONTANA, CALIFORNIA 92335****COASTAL TREATED PRODUCTS COMPANY
POST OFFICE BOX 829
WELDON, NORTH CAROLINA 27890****COLLUM'S LUMBER MILL, INC.
POST OFFICE BOX 535
ALLENDALE, SOUTH CAROLINA 29810-0535****COLONIE WOOD TREATING & STAIN
70 FULLER ROAD
ALBANY, NEW YORK 12205****COLUMBUS LUMBER COMPANY
810 W. L. BEHAN ROAD
BROOKHAVEN, MISSISSIPPI 39601****COMMERCIAL LUMBER COMPANY
102 OAKLEY DRIVE
NORTH LITTLE ROCK, ARKANSAS 72114****COMMONWEALTH WOOD PRESERVERS
5604 CITY LINE ROAD
HAMPTON, VIRGINIA 23661****CONASAUGA WOOD PRESERVERS
HIGHWAY 411
CONASAUGA, TENNESSEE 37316****CULPEPER WOOD PRESERVERS
POST OFFICE BOX 260
SHELBYVILLE, INDIANA 46176****D & D WOOD PRESERVING, INC.
POST OFFICE BOX 1802
ALBANY, GEORGIA 31702-1802****DAVIS BROTHERS' LUMBER COMPANY
299 RICHLAND ROAD
RICHLAND, SOUTH CAROLINA 29675****EASTEX FOREST PRODUCTS
5429 HARTWICK ROAD
HOUSTON, TEXAS 77093****ELDER WOOD PRESERVING CO.
334 ELDER WOOD ROAD
MANSURA, LOUISIANA 71350*****Revised February 2009**

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FORTRESS WOOD PRODUCTS
POST OFFICE DRAWER 4991
MARTINSVILLE, VIRGINIA 24115

GREAT SOUTHERN WOOD PRESERVING, INC.
POST OFFICE BOX 610
ABBEVILLE, ALABAMA 36310

GREAT SOUTHERN WOOD-TUSCUMBIA, INC.
POST OFFICE BOX 2739
MUSCLE SHOALS, ALABAMA 35662

GREAT SOUTHERN WOOD-BUSHNELL, INC.
POST OFFICE BOX 759
BUSHNELL, FLORIDA 33513-0759

GREAT SOUTHERN WOOD-JESUP, INC.
2505 SOUTH MACON STREET
JESUP, GEORGIA 31545

GREAT SOUTHERN WOOD-COLUMBUS, INC.
POST OFFICE BOX 460
COLUMBUS, TEXAS 78934

GREAT SOUTHERN WOOD-BUCKNER, INC.
1320 EAST OLD LEXINGTON ROAD
BUCKNER, MISSOURI 65016

GREAT SOUTHERN WOOD-GLENWOOD, INC.
400 SOUTH SPUR 8
GLENWOOD, ARKANSAS 71943

GREAT SOUTHERN WOOD-MT. PLEASANT, INC.
2993 COUNTY ROAD 3210
MT. PLEASANT, TEXAS 75455

GULF TREATING, INC.
POST OFFICE BOX 1663
MOBILE, ALABAMA 36633

HILLS PRODUCT GROUP
1-90, OFF WHITEWOOD EXIT
WHITEWOOD, SOUTH DAKOTA 57793

HIXSON LUMBER SALES, INC.
POST OFFICE BOX 1466
MAGNOLIA, ARKANSAS 71753

HOOVER TREATED WOOD PRODUCTS
1742 WARRENTON HIGHWAY, NW
THOMSON, GEORGIA 30824

INNOVATIVE PINE TECHNOLOGY/LAKE STATES
1102 PORT TERMINAL DRIVE
DULUTH, MINNESOTA 55802

LAND O LAKES WOOD PRESERVING COMPANY
HIGHWAY 71
TENSTRIKE, MINNESOTA 56683

LAND & SEA FOREST PRODUCTS
400 ROCK RUN ROAD
FAIRLESS HILLS, PENNSYLVANIA 19030

MG BUILDING MATERIALS
9501 HIGHWAY 81 SOUTH
SAN ANTONIO, TEXAS 78211

MAINE WOOD TREATERS
WALKER ROAD
MECHANIC FALLS, MAINE 04256

MIDWEST MANUFACTURING
5231 KANE ROAD
EAU CLAIRE, WISCONSIN 54703-9624

MIDWEST MANUFACTURING
14317 COUNTY ROAD 15
PIONEER, OHIO 43554

NEW SOUTH WOOD PRESERVING, LLC
POST OFFICE DRAWER 1505
CONWAY, SOUTH CAROLINA 29526-2601

POTOMAC SUPPLY CORPORATION
1398 KINSALE ROAD
KINSALE, VIRGINIA 22488

SHENANDOAH WOOD PRESERVERS, INC.
301 EAST 16TH STREET
SCOTLAND NECK, NORTH CAROLINA 27874

SIMMONS WOOD PRODUCTS, INC.
6501 BROADWAY SOUTHEAST
ALBUQUERQUE, NEW MEXICO 87105

S. I. STOREY LUMBER COMPANY
285 STOREY ROAD NORTHWEST
ARMUCHEE, GEORGIA 30105

STEINKAMP WAREHOUSE, INC.
1000 NORTH MAIN STREET HIGHWAY 321
HUNTINGBURG, INDIANA 47542

STRAITS WOOD TREATING
4804 EAST WILDER ROAD
BAY CITY, MICHIGAN 48706

THRIFT BROTHERS LUMBER, INC.
111 TOCCOA HIGHWAY
WESTMINSTER, SOUTH CAROLINA 29693

THOMAS WOOD PRESERVING COMPANY
1964 MURF DRIVE
ELLIOTT, MISSISSIPPI 38926

TOMBALL FOREST PRODUCTS
42511 OLD HOUSTON HIGHWAY
WALLER, TEXAS 77484

TRUEGUARD, LLC
725 SOUTH 32ND STREET
WASHOUGAL, WASHINGTON 98671

UNITED WOOD PRESERVING, LLC
338-D WASHINGTON AVENUE
MUSCLE SHOALS, ALABAMA 35661

UNIVERSAL FOREST PRODUCTS
2801 EAST BELTLINE, NORTHEAST
GRAND RAPIDS, MICHIGAN 49525

WESTERN WOOD PRESERVING COMPANY
1313 ZEHNDER STREET
SUMNER, WASHINGTON 98390

WESTERN WOOD TREATING, INC.
1492 CHURCHILL DOWNS ROAD
WOODLAND, CALIFORNIA 95776

WOOD PROTECTION LP
POST OFFICE BOX 330376
HOUSTON, TEXAS 77233-0376

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2006 *International Building Code*® (IBC)
- 2006 *International Residential Code*® (IRC)
- Other Codes (see Section 8.0)

Properties evaluated:

- Preservative-treated wood
- Decay resistance
- Termite resistance
- Corrosion
- Structural

2.0 USES

NatureWood® and MicroPro™/Smart Sense® preservative-treated wood is used for wood members that are required by the code to be protected against decay and termites.

3.0 DESCRIPTION

3.1 General:

NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products are recognized for use in aboveground, ground-contact, and freshwater contact applications to resist attack by fungal decay and subterranean termites, including Formosan termites.

NatureWood® and MicroPro™/Smart Sense® wood preservatives are produced by Osmose, Inc., and are used by the wood-preservative treatment facilities listed in Table 3 of this report to preservative-treat wood products, in accordance with the following, as applicable:

- a. Standard MP-SS-01, Osmose, Inc., Quality Control Manual for MicroPro™/Smart Sense® Pressure-Treated Wood Products.
- b. Standard NW-01, Quality Control Procedures for Osmose, Inc., NatureWood® Brand Pressure Treated Wood Products.
- c. Standard NW-DECK-01, Quality Control Procedures for Osmose, Inc., NatureWood® Brand Pressure Treated Wood Decking.

3.2 Preservative System:

NatureWood® and MicroPro™/Smart Sense® wood preservatives are waterborne, copper-quat preservative systems used for wood members that are required by the applicable code to be protected against fungal decay or termites, or where such protection is desired.

NatureWood® and MicroPro™/Smart Sense® wood preservatives compositions are based on copper combined with a quaternary ammonium compound (quat). The ratio of copper, expressed as CuO, to quat is either 1:1 or 2:1, by weight. The quat component of MicroPro™/Smart Sense® is CARBO-NT®.

3.3 Wood Species:

NatureWood® (NW) and MicroPro™/Smart Sense® (MP/SS) wood preservatives are used to preservative-treat the following materials:

- a. Dimensional lumber and timbers of the following species consisting of primarily sapwood: southern pine, ponderosa pine, red pine, radiata pine, German Scots pine and Caribbean pine.

- b. Dimensional lumber and timbers of the following species consisting of primarily heartwood (NW only): Douglas fir, hem-fir, lodgepole pine, jack pine and redwood. MP/SS is allowed with incised hem-fir.
- c. Lumber, of nominal size of 2-by-8 or less, for decking and specialty use of the species listed in (a) and (b), above.
- d. Southern pine and Douglas fir plywood.
- e. Round and sawn posts and building poles of southern pine, ponderosa pine, red pine, Douglas fir and hem-fir.

Species and minimum preservative retention levels are provided in Table 1 for NatureWood® (NW) treated wood, and in Table 2 for MicroPro™/Smart Sense® (MP/SS) treated wood.

4.0 INSTALLATION

4.1 General:

NatureWood® and MicroPro™/Smart Sense® preservative-treated wood is installed as preservative-treated lumber, timbers and plywood in accordance with the requirements of the applicable code.

Osmose, Inc., and industry-published installation instructions for wood and preservative-treated wood and this report must be strictly adhered to, and a copy of the instructions must be available at all times on the jobsite during installation.

The instructions within this report govern if there are any conflicts between Osmose, Inc., instructions and this report.

4.2 Applications:

NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products may be used in locations where wood is permitted and/or in locations required by the code to be fungal decay or termite resistant in all building types and occupancies as defined by the applicable code. Typical applications are listed in Table 3.

Locations requiring preservative-treated wood for fungal decay or termite resistance are described in Section 2304.11 of the IBC, and Sections R319 and R320 of the IRC.

4.3 Fasteners:

4.3.1 NatureWood® (NW): Fasteners used with NatureWood® preservative-treated wood products must be in accordance with Section 2304.9.5 of the IBC and Section R319.3 of the IRC. Aluminum fasteners and other aluminum building products (flashing, siding, etc.) must not be placed in direct contact with NatureWood® preservative-treated wood products.

4.3.2 MicroPro™/Smart Sense® (MP/SS): Fasteners used with MicroPro™/Smart Sense® preservative-treated wood products must be in accordance with Section 2304.9.5 of the IBC and Section R319.3 of the IRC. Aluminum fasteners and other aluminum building products (flashing, siding, etc.) may be placed in direct contact with MicroPro™/Smart Sense® preservative-treated wood products.

4.4 Structural:

4.4.1 Duration of Load: The maximum load duration factor allowed for NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products used for structural members is 1.6 in accordance with Section 2.3 of the American Forest & Paper Association (AF&PA), National Design Specification for Wood Construction (NDS).

4.4.2 Incising Factor: When treated wood products have been incised, the reference design values must be multiplied by the incising factor, Ci, in accordance with Section 4.3.8 of the NDS.

5.0 CONDITIONS OF USE

The NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Dimensional lumber designated for "Decking Use" must not be more than 2 inches (51 mm) thick or 8 inches (203 mm) wide.
- 5.2 Use of the preservative-treated wood is limited to the types of applications noted in Section 4.2 of this report.
- 5.3 Surface treatment of field cuts must be in accordance with the recommendations of Osmose, Inc.
- 5.4 NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products are limited to the wood species noted in Section 3.3 and the minimum retentions noted in Tables 1 and 2.
- 5.5 Treatment of wood products is at the facilities of the treaters noted in Table 4, under a quality control program with inspections by either Timber Products Inspection Inc. (AA-664 and AA-696) or Southern Pine Inspection Bureau, Inc. (AA-680).

6.0 EVIDENCE SUBMITTED

Data in accordance with Appendix B, Copper-quaternary and Copper-zinc Wood Preservative Treatment Systems (formerly AC78), of the ICC-ES Acceptance Criteria for Proprietary Wood Preservative Systems—Common Requirements for Treatment Process, Test Methods and Performance (AC326), dated February 2008.

7.0 IDENTIFICATION

NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products, lumber and plywood must be labeled with the name of the inspection agency (Timber Products Inspection Inc. or Southern Pine Inspection Bureau, Inc.); product name or logo (see Figure 1); the treatment company name and plant location (refer to Table 4); the name or designation of the preservative components; minimum retention; the intended end use; and the evaluation report number (ESR-1980). Sample labels are shown in Figure 1.

8.0 OTHER CODES

In addition to the codes referenced in Section 1.0, the products described in this report were evaluated for compliance with the requirements of the following legacy codes and earlier editions of the International Codes:

- 2003 *International Building Code*® (2003 IBC)
- 2003 *International Residential Code*® (2003 IRC)
- 2000 *International Building Code*® (2000 IBC)
- 2000 *International Residential Code*® (2000 IRC)
- 1997 *Uniform Building Code*™ (UBC)
- BOCA® *National Building Code/1999* (BNBC)
- 1999 *Standard Building Code*® (SBC)

The NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products described in this report comply with, or are suitable alternatives to what is specified in, the codes listed above, subject to the provisions of Sections 8.1 through 8.6.

8.1 Uses:

See Section 2.0.

8.2 Description:

See Section 3.0.

8.3 Installation:

See Section 4.0, except for the following modifications:

Locations requiring preservative-treated wood for decay or termite resistance are described in Section 2304.11 of the 2000 and 2003 IBC, Sections R323 and R324 of the 2000 IRC, Sections R319 and R320 of the 2003 IRC, Section 2304 of the SBC, Section 2311 of the BNBC, and Section 2306 of the UBC.

Fasteners used with NatureWood® and MicroPro™/Smart Sense® preservative-treated wood products must be in accordance with Section 2304.9.5 of the 2000 and 2003 IBC, Section R323.3 of the 2000 IRC, Section R319.3 of the 2003 IRC, Section 2306.3 of the SBC, Section 2311.3.3 of the BNBC, and Section 2304.3 of the UBC, except that aluminum fasteners are also permitted.

8.4 Conditions of Use:

See Section 5.0.

8.5 Evidence Submitted:

See Section 6.0.

8.6 Identification:

See Section 7.0.

TABLE 1—MINIMUM PRESERVATIVE RETENTION REQUIREMENTS AND SPECIES FOR NATUREWOOD® PRESERVATIVE-TREATED WOOD PRODUCTS BY END USE

NatureWood® Minimum Retention (pcf)		Species listed in Section 3.3.a and 3.3.d							Species listed in Section 3.3.b and 3.3.d			
		Sapwood Species							Heartwood Species			
Service Condition ³	PCF ⁴	Mixed Southern Pine Includes Plywood	Radiata Pine	Red Pine	Ponderosa Pine	Eastern White Pine	Caribbean Pine	German Scots Pine	Douglas-Fir Includes Plywood	Hem-Fir Includes Decking	Lodgepole Pine	Jack Pine
Above Ground Decking, Fencing	0.15	✓	✓	✓	✓	✓	✓	✓	NA	NA	NA	NA
Above Ground - General Use	0.20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ground Contact - General Use	0.40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ground Contact - Critical Structures - Foundation Use	0.60	✓	✓	✓	✓	✓	✓	✓	✓	✓	NA	NA

¹Retention is expressed in pounds of preservative per cubic foot (kilograms per cubic meter) of wood.

²Minimum actives retention expressed as CuO and quat.

³See Table 3 for description of Service Conditions.

⁴SI conversion: 1PCF = 16.02 kg/m³.

TABLE 2—MINIMUM PRESERVATIVE RETENTION REQUIREMENTS AND SPECIES FOR MICROPRO™/SMART SENSE® PRESERVATIVE-TREATED WOOD PRODUCTS BY END USE

MicroPro™ / SmartSense® Minimum Retention (pcf)		Species listed in Section 3.3.a and 3.3.d						Section 3.3.b and 3.3.d	
		Sapwood Species						Heartwood Species	
Service Condition ³	PCF ⁴	Mixed Southern Pine Includes Plywood	Radiata Pine	Red Pine	Ponderosa Pine	German Scots Pine	Caribbean Pine	Incised Hem Fir	Douglas-Fir Plywood
Above Ground Vertical Use Fence Boards and Pickets	0.10	✓	✓	✓	✓	✓	✓	✓	NA
Above Ground Decking, Fencing	0.15	✓	✓	✓	✓	✓	✓	✓	NA
Above Ground - General Use	0.15	✓	✓	✓	✓	✓	✓	✓	✓
Ground Contact - General Use	0.34	✓	✓	✓	✓	NA	✓	✓	✓
Ground Contact - Critical Structures - Foundation Use	0.60	✓	✓	✓	NA	NA	NA	NA	✓

¹Retention is expressed in pounds of preservative per cubic foot (kilograms per cubic meter) of wood.

²Minimum actives retention expressed as CuO and quat.

³See Table 3 for description of Service Conditions.

⁴SI conversion: 1PCF = 16.02 kg/m³.

TABLE 3—TYPICAL APPLICATIONS FOR NATUREWOOD® AND MICROPRO™/SMART SENSE® PRESERVATIVE-TREATED WOOD PRODUCTS

SERVICE CONDITIONS	AWPA USE CATEGORY	TYPICAL APPLICATIONS
Above ground - decking	—	Decking, rails, spindles, lattice, other specialties
Above ground - general use	UC3B	Decking, rails, spindles, trim and fascia, framing, flooring, sill plates, trellises, gazebos, fencing
Ground and freshwater contact – general use	UC4A	Deck support posts, fence posts, retaining walls, docks
Ground contact - critical structural	UC4B	Permanent wood foundations, sawn and round building poles

TABLE 4—WOOD PRESERVATIVE TREATMENT LOCATIONS

LISTEE	WOOD PRESERVATIVE TREATMENT LOCATIONS
Alabama-Georgia Wood Preservers, Co.	Lafayette, AL
Aljoma Lumber, Inc.	Medley, FL
Anthony Wood Treating, Inc.	Hope, AR
BB&S Treated Lumber of New England	North Kingstown, RI
Biewer of Lansing, LLC	Lansing, MI
Brackett Brothers Corp.	Morganton, NC
C.M Tucker Lumber Corp.	Pageland, SC
California Cascade Fontana, Inc.	Fontana, CA
Coastal Treated Products Co.	Weldon, NC Belington, WV Havana, FL Hopwood, PA Oxford, PA
Collum's Lumber Mill, Inc.	Allendale, SC
Colonie Wood Treating & Stain	Albany, NY
Columbus Lumber Company	Brookhaven, MS
Commercial Lumber Company	North Little Rock, AR
Commonwealth Wood Preservers, Inc.	Hampton, VA
Conasauga Wood Preservers	Conasauga, TN
Culpeper Wood Preservers	Shelbyville, IN
Davis Brothers' Lumber Company	Richland, SC
D & D Wood Preserving, Inc.	Albany, GA
Eastex Forest Products	Houston, TX
Elder Wood Preserving, Co.	Mansura, LA
Fortress Wood Products	Martinsville, VA Elizabeth City, NC Greensboro, NC
Perry Logistics dba Fortress Wood Products	Henderson, NC
Great Southern Wood Preserving	Abbeville, AL Conyers, GA Irvington, AL
Great Southern Wood-Tuscumbia, Inc.	Muscle Shoals, AL
Great Southern Wood-Bushnell, Inc.	Bushnell, FL
Great Southern Wood-Jesup, Inc.	Jesup, GA
Great Southern Wood-Columbus, Inc.	Columbus, TX
Great Southern Wood-Buckner, Inc.	Buckner, MO
Great Southern Wood-Glenwood, Inc.	Glenwood, AR
Great Southern Wood-Mt. Pleasant, Inc.	Mt. Pleasant, TX
Gulf Treating, Inc.	Mobile, AL
Hills Product Group	Whitewood, SD
Hixson Lumber Sales, Inc.	Magnolia, AR Caddo Hills, TX Hillsboro, IL Pine Bluff, AR Plumerville, AR Gilmer, TX Willis, TX Winnfield, LA
Hoover Treated Products	Thomson, GA Milford, VA Pine Bluff, AR Detroit, MI
Innovative Pine Technology/Lake States	Duluth, MN
John A. Biewer Company of Wisconsin	Prentice, WI
Land O Lakes Wood Preserving Co.	Tenstrike, MN
Land & Sea Forest Products	Fairless Hills, PA
MG Building Materials	San Antonio, TX

TABLE 4—WOOD PRESERVATIVE TREATMENT LOCATIONS (Continued)

LISTEE	WOOD PRESERVATIVE TREATMENT LOCATIONS
Maine Wood Treaters	Mechanic Falls, ME
Midwest Manufacturing	Eau Claire, WI
Midwest Manufacturing	Pioneer, OH
New South Wood Preserving, LLC	Camden, SC
New South Wood Preserving, LLC	Conway, SC
Potomac Supply Corporation	Kinsale, VA
Shenandoah Wood Preservers, Inc.	Scotland Neck, NC
Simmons Wood Products, Inc.	Albuquerque, NM
S.I. Storey Lumber Company	Armuchee, GA
Steinkamp Warehouse, Inc.	Huntingburg, IN
Straits Wood Treating	Bay City, MI
Thrift Brothers Lumber, Inc.	Westminster, SC
Thomas Wood Preserving Company	Elliott, MS
Tomball Forest Products	Waller, TX
TrueGuard, LLC	White City, OR Washougal, WA Loveland, CO Fort Collins, CO
Universal Forest Products	Grand Rapids, MI Moultrie, GA Union City, GA Gordon, PA Salisbury, NC Auburndale, FL Granger, IN Janesville, WI Belchertown, MA Windsor, CO Saginaw, TX Ranson, WV Harrisonville, MO Hamilton, OH Stockertown, PA Elizabeth City, NC Lodi, OH Schertz, TX New Waverly, TX Silsbee, TX Westville, IN Blanchester, OH White Bear Lake, MN Janesville-South, WI Lansing, MI
United Wood Preserving, LLC	Muscle Shoals, AL
Western Wood Preserving Co.	Sumner, WA
Western Wood Treating, Inc.	Woodland, CA
Wood Protection LP	Houston, TX

TABLE 5—LISTEES AND PRIVATE BRAND NAMES FOR EACH COMPANY FOR WOOD TREATED WITH NATUREWOOD® AND MICROPRO/™SMART SENSE® WOOD PRESERVATIVES

COMPANY	PRIVATE BRAND NAME	
	NatureWood®	MicroPro™/Smart Sense®
Osmose, Inc.		
Alabama-Georgia Wood Pres. Co.	Note 1	Note 1
Aljoma Lumber, Inc.,	Note 1	Note 1
Anthony Wood Treating, Inc.	Note 1	Note 1
BB&S Treated Lumber of New England	Note 1	Note 1
Biewer of Lansing, LLC	Note 1	Everguard
Brackett Brothers Corp.	Note 1	Note 1
C.M. Tucker Lumber corp.	Top Choice	Note 1
Coastal Treated Products Co.	Note 1	Note 1
California Cascade Fontana, Inc.	Note 1	Note 1
Collum's Lumber Mill, Inc.	Note 1	Note 1
Colonie Wood Treating & Stain	Note 1	Note 1
Columbus Lumber Co.	Note 1	Note 1
Commercial Lumber Company	Note 1	Note 1
Commonwealth Wood Preservers, Inc.	Note 1	Note 1
Conasauga Wood Preservers	Note 1	Note 1
Culpeper Wood Preservers	Note 1	Note 1
D & D Wood Preserving, Inc.	Note 1	Note 1
Davis Brothers' Lumber Company	Note 1	Note 1
Eastex Forest Products	Top Choice	Note 1
Elder Wood Preserving Co.	Note 1	Note 1
Fortress Wood Products	Note 1	Note 1
Perry Logistics dba Fortress Wood Products, Henderson, NC	Note 1	Note 1
Great Southern Wood Preserving	Yella Wood and Thompsonized	Yella Wood
Gulf Treating, Inc.	Note 1	Note 1
Hills Product Group	Note 1	Note 1
Hixson Lumber Sales	Top Choice	Note 1
Hoover Treated Products	Note 1	Note 1
John A. Biewer Company of Wisconsin, Inc.	Note 1	Note 1
Innovative Pine Technology/Lake States	XGUARD	Note 1
Land O Lakes Wood Preserving Co.	Note 1	Note 1
Land & Sea Forest Products	Top Choice	Note 1
MG Building Materials	Note 1	Note 1
Maine Wood Treaters	Note 1	Note 1
Midwest Manufacturing	AC2	AC2 MicroPro
New South Wood Preserving, LLC	Thompsonized and Top choice	Note 1
Potomac Supply Corp.	Great Deck and Top Choice	Note 1
S.I. Storey Lumber Co.	Note 1	Note 1
Shenandoah Wood Preservers, Inc.	Note 1	Note 1
Simmons Wood Products, Inc.	Note 1	Note 1
Steinkamp Warehouse, Inc.	Note 1	Note 1
Straits Wood Treating	Note 1	Note 1
Texas Forest Products	Note 1	Note 1
Thomas Wood Preserving Co.	Note 1	Note 1
Tomball Forest Products	Note 1	Note 1
Thrift Brothers Lumber, Inc	Note 1	Note 1
TrueGuard, LLC	All Weather Deck and Top Choice	All Weather Deck
Universal Forest Products	ProWood ACQ ProWood Dry Thompsonized and Top choice	ProWood Micro ProWood Microshades ProWood Dry
United Wood Preserving, LLC	Note 1	Note 1
Western Wood Preserving Co.	Note 1	Note 1
Western Wood Treating, Inc.	Note 1	Note 1
Wood Protection LP	Note 1	Note 1

The private brand name shall be as noted for the report holder, Osmose, Inc.

NatureWood®

MicroPro® / Smart Sense®

NatureWood
PRESERVED WOOD PRODUCTS

UC3B
Copper Quaternary
Compounds

ABOVE GROUND

ESR-1980
MONITORED BY:
(INSPECTION AGENCY NAME)

WOOD TREATING COMPANY
CITY, STATE

Smart Sense
MicroPro

Micronized Copper Quaternary
Compounds

ABOVE GROUND

ESR-1980

MONITORED BY:
(INSPECTION AGENCY NAME)

Wood Treating Company
City, State

NatureWood
PRESERVED WOOD PRODUCTS

UC4A
Copper Quaternary
Compounds

GROUND CONTACT

ESR-1980
MONITORED BY:
(INSPECTION AGENCY NAME)

WOOD TREATING COMPANY
CITY, STATE

Smart Sense
MicroPro

Micronized Copper Quaternary
Compounds

GROUND CONTACT

ESR-1980

MONITORED BY:
(INSPECTION AGENCY NAME)

Wood Treating Company
City, State

NatureWood
PRESERVED WOOD PRODUCTS

UC4B
Copper Quaternary
Compounds

**GROUND CONTACT &
PERMANENT WOOD FOUNDATION**

KDAT

ESR-1980
MONITORED BY:
(INSPECTION AGENCY NAME)

WOOD TREATING COMPANY
CITY, STATE

Smart Sense
MicroPro

Micronized Copper Quaternary
Compounds

**GROUND CONTACT,
STRUCTURAL, &
PERMANENT WOOD FOUNDATION**

KDAT
ESR-1980

MONITORED BY:
(INSPECTION AGENCY NAME)

Wood Treating Company
City, State

NatureWood
PRESERVED WOOD PRODUCTS

Copper Quaternary
Compounds

DECKING USE

ESR-1980
MONITORED BY:
(INSPECTION AGENCY NAME)

WOOD TREATING COMPANY
CITY, STATE

FIGURE 1— SAMPLE PRODUCT LABELS
(Product must also be labeled with minimum retentions as specified in Tables 1 and 2)