

**CALIFORNIA DEPARTMENT of FORESTRY
and FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL**



**WILDLAND URBAN
INTERFACE (WUI)
PRODUCTS**

Published by **CAL-FIRE**
FIRE ENGINEERING DIVISION
BUILDING MATERIALS LISTING PROGRAM

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<http://osfm.fire.ca.gov/strucfireengineer/pdf/bml/wuiproducs.pdf>

Starting January 2008, the new 2007 California Building Code (CBC) becomes effective. For products to be used in the Wildland Urban Interface (WUI), there are some regulations that required building products to comply with specific standards.

In an effort to provide the home owners, industries, designers, local fire and building officials a readily list of “compliance WUI products”, the State Fire Marshal is publishing this “WUI Products Handbook”.

All products published in this handbook have been reviewed and verified their compliance in accordance with the new 2007 CBC by SFM staff. All products published in this book are “approved” by the SFM. They are not “Listed” unless a SFM Listing number is attached. It should be noted that products are not in this handbook may still comply with the standards since it is not a requirement for any products to be in this handbook.

This handbook will be categorized into 5 main sections:

1. Exterior Wall Siding and Sheathing (SFM Standard 12-7A-1)
2. Exterior Windows (SFM Standard 12-7A-2)
3. Under Eave (SFM Standard 12-7A-3)
4. Decking (SFM Standard 12-7A-4)
5. Ignition Resistant Material (ASTM E84 for 30 Min. with Accelerated Weathering Test)

The handbook may contain other products that are not listed above.

The SFM reserves the right to remove any products in this handbook for cause. The local Authority Having Jurisdiction (AHJ) has the right to approved or dis-approved products for used within their respective jurisdiction.

Our approvals are based upon technical data submitted by applicants. The CSFM Fire Engineering staff reviews test results and/or other data, but does not make an independent verification of any claims. All products shall be constructed in accordance with all applicable codes and ordinances. Refer to the appropriate AHJ for details.

For all construction projects, please contact your local building department.

Building Standards and Materials for Building Code Chapter 7A, 2007 California Building Code

The California Building Commission adopted the Wildland-Urban Interface (WUI) codes in late 2005. The majority of the new requirements take effect in 2008. These new codes include provisions for ignition resistant construction standards in the wildland urban interface. The updated fire hazard severity zones will be used by building officials to determine appropriate construction materials for new buildings in the wildland urban interface. The updated zones will also be used by property owners to comply with natural hazards disclosure requirements at time of property sale. It is likely that the fire hazard severity zones will be used by local government as they update the safety element of general plans.

The new building standard for the Fire Hazard Severity Zones will be enforced by the Building Official as projects go through the plan checking process. To best assist them in determining if a product meets the code requirements, the State Fire Marshal's Building Materials Listing program (BML) Program is accepting applications for materials for listing or for the review of meeting the standards. These materials will be posted on the SFM BML website at:

<http://osfm.fire.ca.gov/strucfireengineer/pdf/bml/wuiproducs.pdf>

and the Wildland Urban Interface Building Codes page of the Wildland Hazards and Building Codes at:

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_codes.php

The SFM listing service provides building authorities, architectural and engineering communities, contractors, and the fire service with a reliable and readily available source of information.

Since the materials under Wildland Urban Interface Building Codes (except roof wood shakes and shingles) are not required by law to be listed by the SFM, the listings for these products are strictly voluntary. Materials not listed by the SFM may still qualify for use provided they met all the requirements under Chapter 7A. If not listed on the SFM site, all documentation and testing certificates showing compliance must be submitted to the building official having jurisdiction for final approval.

Information regarding all Wildland Urban Interface issues can be downloaded at:

http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland.php

All SFM WUI standards can be downloaded at the following links:

- Testing Standards CA SFM 12.7A-1, Exterior Wall Siding and Sheathing

http://www.fire.ca.gov/fire_prevention/downloads/Part_12_CA_SFM_12-7A-1_Test_Standards.pdf

- Testing Standards CA SFM 12.7A-1, Exterior Windows

http://www.fire.ca.gov/fire_prevention/downloads/Part_12_CA_SFM_12-7A-2_Test_Standards.pdf

- Testing Standards CA SFM 12.7A-1, Under Eaves

http://www.fire.ca.gov/fire_prevention/downloads/Part_12_CA_SFM_12-7A-3_Test_Standards.pdf

- Testing Standards CA SFM 12.7A-1, Decking

http://www.fire.ca.gov/fire_prevention/downloads/Part_12_CA_SFM_12-7A-4_Test_Standards.pdf

Wildland Urban Interface (WUI) Approved Products

Exterior Wall Siding and Sheathing (SFM Standard 12-7A-1)

- ◆ Company Name: APA-THE ENGINEERED WOOD ASSOCIATION
7011 South 19th Street, Tacoma, WA 98466
Product Description: “APA 303®” plywood siding with shiplap edges, nominal 19/32” thick and grooves spaced 4” on center, manufactured with veneers of all Southern Pine or Douglas Fir face, back and center with Hemlock or Douglas fir cross piles, 4’x8’ panel.
- ◆ Company Name: APA-THE ENGINEERED WOOD ASSOCIATION
7011 South 19th Street, Tacoma, WA 98466
Product Description: “APA 303®” plywood siding with reverse-board and batten, nominal 19/32” thick and shiplap edges, grooves spaced 12” on center, manufactured with face, back and center of Douglas Fir veneers and cross ply veneers of Hemlock or Douglas, 4’x8’ panel.
- ◆ Company Name: BARRIER TECHNOLOGY CORP.
510 4th Street North, Watkins, MN 55389
Product Description: Blazeguard® sheathing with Pyrotite bonded to ½” CDX plywood, 3/8”, 15/32”, ½”, 5/8” or ¾” thickness, panel size 4’x8’.
- ◆ Company Name: BARRIER TECHNOLOGY CORP.
510 4th Street North, Watkins, MN 55389
Product Description: Blazeguard® sheathing with Pyrotite bonded to 7/16” oriented strand board (OSB), 3/8”, 15/32”, ½”, 5/8” or ¾” thickness, panel size 4’x8’.
- ◆ Company Name: BODYGUARD WOOD PRODUCTS
5485 NW Osprey Place, Portland, OR 97229
Product Description: Bodyguard® “V-Rustic” siding Pattern Number 793, 794 and 795, preservative treated pine, minimum 3/4x6 inches dimension, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16” minimum

thickness. For horizontal installation only.

◆ Company Name: BODYGUARD WOOD PRODUCTS

5485 NW Osprey Place, Portland, OR 97229

Product Description: Bodyguard® “RAB Smooth Face R/S” back siding Nos. 371 and 372, preservative treated pine, minimum 1x6 inches dimension, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16” minimum thickness. For horizontal installation only.

◆ Company Name: BODYGUARD WOOD PRODUCTS

5485 NW Osprey Place, Portland, OR 97229

Product Description: Bodyguard® 2 lap siding Nos. 430, preservative treated pine, minimum 1x6 inches dimension, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16” minimum thickness. For horizontal installation only.

◆ Company Name: BODYGUARD WOOD PRODUCTS

5485 NW Osprey Place, Portland, OR 97229

Product Description: Bodyguard® 3 lap siding Nos. 432 and 433, preservative treated pine, minimum 1x8 inches dimension, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16” minimum thickness. For horizontal installation only.

◆ Company Name: BODYGUARD WOOD PRODUCTS

5485 NW Osprey Place, Portland, OR 97229

Product Description: Bodyguard® cove siding Nos. 771 and 772, preservative treated pine, minimum 1x8 inches dimension, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16” minimum thickness. For horizontal installation only.

◆ Company Name: CEDAR VALLEY MANUFACTURING

943 San Felipe Road, Hollister, CA 95023

Product Description: Cedar Valley FTX Pressure Treated 1-Course Cedar Shingle Panel, 7-1/8” exposure siding product, Western Red Cedar vertical-grain heartwood shingle, installed over oriented strand board (OSB) with a 7/16” minimum thickness. For

horizontal installation only.

- ◆ Company Name: CEDAR VALLEY MANUFACTURING
943 San Felipe Road, Hollister, CA 95023
Product Description: Cedar Valley “California Stack” 1-Course Cedar Shingle Siding Panel, 4-1/4” or greater exposure, Western Red Cedar vertical-grain heartwood shingle applied over fiberglass matte to a square cut plywood backer, installed over oriented strand board (OSB) with a 7/16” minimum thickness.
- ◆ Company Name: CERTAINTEED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: “Weatherboards™” lap siding, fiber-cement, type “ Smooth, Cedar, Smooth Bead, Textured Bead, Select Cedar, Dutch Lap”, 5/16” thick, 5 ¼” to 12” width, 12’ length.
- ◆ Company Name: CERTAINTEED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: “Cedar Impression®” Double 7 Sable Brown/Natural Clay, molded Polypropylene siding, 14” width by 48” length, installed over ½” OSB with nominal ½” type X Gypsum wall board for sheathing.
- ◆ Company Name: CERTAINTEED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: “Cedarboard™” D6 Clapboard (Natural Clay) PVC vinyl siding, 1-1/4” thick, 14” width by 150” length, installed over ½” OSB with nominal ½” type X Gypsum wall board for sheathing.
- ◆ Company Name: CERTAINTEED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: “Monogram 46™” Double 4 Clapboard (Natural Clay) PVC vinyl siding, 8” width by 150” length, installed over ½” type X Gypsum wall board for sheathing.

- ◆ Company Name: CERTAINTED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: "Weatherboards™" shapes siding, fiber-cement, type "Perfection Shingle, Random Square Staggered Edge, Half Rounds, Octagons, 5/16" thick, 16" width, 48" length.
- ◆ Company Name: CERTAINTED CORPORATION
803 Belden Road, Jackson, MI 49203
Product Description: "Weatherboards™" vertical siding, fiber-cement, type "Stucco, Cedar 8" Groove, Cedar (no groove), Smooth, Octagons, 5/16" thick, 4" width, 8, 9 or 10' length.
- ◆ Company Name: COLLINS PRODUCTS LLC
6410 Highway 66, Klamath Falls, OR 97601
Product Description: TruWood® 7/16" Sturdy Panel vertical shiplap siding, installed over 5/8" Type X gypsum wallboard.
- ◆ Company Name: COLLINS PRODUCTS LLC
6410 Highway 66, Klamath Falls, OR 97601
Product Description: TruWood® 7/16" Sturdy Panel, ¾ Channel Groove, Square Edge, Beaded Porch Panel, and Saw-tex panel vertical siding in 4'x8' panels, installed over 5/8" Type X gypsum wallboard.
- ◆ Company Name: COLLINS PRODUCTS LLC
6410 Highway 66, Klamath Falls, OR 97601
Product Description: TruWood® 7/16" lap siding in Old Mill texture and Cedar Shake texture in 6", 8" and 9-1/2" widths, installed over 5/8" Type X gypsum wallboard.
- ◆ Company Name: COLLINS PRODUCTS LLC
6410 Highway 66, Klamath Falls, OR 97601
Product Description: TruWood® 1/2" lap siding, Cottage Lap, Channel Rustic, Four Eight Cottage, Self-aligning, Sure lock, Sure Lock Cottage 6", Cedar Shake and Designer Shake Lap in Old Mill and Cedar shake texture, ½" thick and 6", 8", 12" and 16" widths, installed over 5/8" Type X gypsum wallboard.

◆Company Name: COLLINS PRODUCTS LLC
6410 Highway 66, Klamath Falls, OR 97601
Product Description: TruWood® 1/2" ¾ channel groove, square edge, ship lap,
and 808 in Old Mill texture and Adobe texture, ½" thick,
4'x8' panels, installed over 5/8" Type X gypsum wallboard.

◆Company Name: ELDORADO STONE
1200 Industry Street, Everett, WA 98203
Product Description: "Eldorado Stone" mineral composition formulated from a
mixture of cement, perlite, shale, sand, and mineral oxide
colors.

◆Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "Artisan®" lap siding, fiber-cement, 5/8" thick.

◆Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "Cemplank®" lap siding, fiber-cement, 5/16" thick.

◆Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "Cempanel®" vertical siding, fiber-cement, 5/16" thick.

◆Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "HardieShingle™" panel, fiber-cement, 1/4" thick.
"HardieShingle™" lap siding, fiber-cement, 1/4" thick.

◆Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "HardiePlank™" lap siding, fiber-cement, 5/16" thick.
"HardiePanel™" vertical siding, fiber-cement, 5/16" thick.

◆Company Name: LOUISIANA-PACIFIC
414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP SmartSide® Precision Series” exterior lap siding, oriented strand back-bone, 3/8” thick, applied over 1/2 standard gypsum wallboard.

◆Company Name: LOUISIANA-PACIFIC

414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP SmartSide® Precision Series” exterior panel siding, oriented strand back-bone, 7/16” thick.

◆Company Name: LOUISIANA-PACIFIC

414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP SmartSide® Foundation Series” exterior lap siding, wet process fiber back-bone, 1/2” thick, applied over 5/8” type X standard gypsum wallboard.

◆Company Name: LOUISIANA-PACIFIC

414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP SmartSide® Foundation Series” exterior panel siding, wet process fiber back-bone, 7/16” thick.

◆Company Name: LOUISIANA-PACIFIC

414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP FlameBlock™” sheathing, 4’ x 8’ fire rated oriented strand board (OSB), 7/16” minimum nominal thickness with minimum Pyrotile thickness of 0.06, applied to fiberglass mat and Pyrotile laminate applied to one face of OSB, and SmartSide™ precision series lap siding cladding.

◆Company Name: LOUISIANA-PACIFIC

414 Union Street, Suite 2000, Nashville, TN 37219

Product Description: “LP FlameBlock™” sheathing, 4’ x 8’ fire rated oriented strand board (OSB), 7/16” minimum nominal thickness with minimum Pyrotile thickness of 0.06, applied direct to OSB sheathing and Pyrotile laminate applied to one face of OSB, and Cedar Sidewall Shingles, ½” butt end thickness cladding, or Plain Bevel solid wood siding, Cedar or other species, various widths.

- ◆Company Name: MEXALIT INDUSTRIAL, S.A. de C.V.
849 East Sanhill Avenue, Carson, CA 90746
Product Description: “MaxiPanel” flat fiber cement panel, ¼”, 5/16” or 7/17” thick x 48” width x 8”, 9” or 10” length.
- ◆Company Name: MEXALIT INDUSTRIAL, S.A. de C.V.
849 East Sanhill Avenue, Carson, CA 90746
Product Description: “MaxiPlank” flat fiber cement panel, 5/16” thick x 6”, 6-1/4”, 7-1/2”, 8-1/4”, 9-1/2”, or 12” width x 12” length.
- ◆Company Name: MEXALIT INDUSTRIAL, S.A. de C.V.
849 East Sanhill Avenue, Carson, CA 90746
Product Description: “MaxiTrim” flat fiber cement plank, smooth, cedar or textured finish, nominal 7/16” thick x 5-1/2”width, installed over 15lbs felt weather barrier, oriented horizontally.
- ◆Company Name: MEXALIT INDUSTRIAL, S.A. de C.V.
849 East Sanhill Avenue, Carson, CA 90746
Product Description: “Multishake” flat fiber cement panel, ¼” thick x 16” width x 4” length.
- ◆Company Name: NICHIIHA USA, INC.
6659 Peachtree Industrial Blvd., Suite AA, Norcross, GA 30092
Product Description: EX Series “Field Stone” Brick and Stone panels siding, smooth and textured surfaces, 5/8” thick fiber cement, installed over 7/16” oriented strand board (OSB).
- ◆Company Name: NICHIIHA USA, INC.
6659 Peachtree Industrial Blvd., Suite AA, Norcross, GA 30092
Product Description: Sierra Premium Shake panels siding, smooth and textured surfaces, 1/2” thick x 9” wide fiber cement, installed over 7/16” oriented strand board (OSB).
- ◆Company Name: NICHIIHA USA, INC.
6659 Peachtree Industrial Blvd., Suite AA, Norcross, GA 30092
Product Description: NichiBoard smooth and cedar textures, unprimed cementitious board, 5-1/4”, 6-1/4”, 7-1/4”, 8-1/4”, 9-1/4” and 12’ wide x 12

feet long x 5/16" thick.

◆Company Name: NICHIIHA USA, INC.
6659 Peachtree Industrial Blvd., Suite AA, Norcross, GA 30092
Product Description: NichiPanel smooth and cedar textures, unprimed cementitious panel, 4' x 8', 4' x 10', 4' x 12', and 5/16" thick.

◆Company Name: PANEL CRAFTERS INC.
8251 14th Street, White City, OR 97503
Product Description: "Texture T 1-11", grooving detail with 3/8" wide. 1/4" deep vertical grooves spaced 4" on center, 19/32" thick, 4" groove spacing, 1/4" groove depth, 3/8" groove width, ship lap edge, manufactured with Douglas Fir plywood panel with Western Red Cedar surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.
8251 14th Street, White City, OR 97503
Product Description: "Texture T 1-11", grooving detail with 3/8" wide. 1/4" deep vertical grooves spaced 4" on center, 19/32" thick, 8" groove spacing, 1/4" groove depth, 3/8" groove width, ship lap edge, manufactured with Douglas Fir plywood panel with Western Red Cedar surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.
8251 14th Street, White City, OR 97503
Product Description: "Texture T 1-11", grooving detail with 3/8" wide. 1/4" deep vertical grooves spaced 4" on center, 19/32" thick, 4" groove spacing, 1/4" groove depth, 3/8" groove width, ship lap edge, manufactured with "Craftsman Panel" Douglas Fir plywood panel with Okoume surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.
8251 14th Street, White City, OR 97503
Product Description: "Texture T 1-11", grooving detail with 3/8" wide. 1/4" deep vertical grooves spaced 4" on center, 19/32" thick, 8" groove spacing, 1/4" groove depth, 3/8" groove width, ship lap edge, manufactured with "Craftsman Panel" Douglas Fir plywood

panel with Okoume surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.

8251 14th Street, White City, OR 97503

Product Description: "Reverse Board and Batten", 12" grooving detail with 1-1/2" wide. 1/4" deep vertical grooves spaced 12" on center, installed over 7/16" oriented strand board (OSB), 19/32" thick, 12" groove spacing, 1/4" groove depth, 1-1/2" groove width, ship lap edge, manufactured with Douglas Fir plywood panel with Western Red Cedar surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.

8251 14th Street, White City, OR 97503

Product Description: "Reverse Board and Batten", 12" grooving detail with 1-1/2" wide. 1/4" deep vertical grooves spaced 12" on center, installed over 7/16" oriented strand board (OSB), 19/32" thick, 12" groove spacing, 1/4" groove depth, 1-1/2" groove width, ship lap edge, manufactured with "Craftsman Panel" Douglas Fir plywood panel with Okoume surface veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.

8251 14th Street, White City, OR 97503

Product Description: "Texture T 1-11", no grooving detail, flat surface facing, 19/32" thick, square edge, manufactured with Douglas Fir plywood panel with Western Red Cedar veneer, 4'x8', 4'x9' or 4'x10' panel.

◆Company Name: PANEL CRAFTERS INC.

8251 14th Street, White City, OR 97503

Product Description: "Texture T 1-11", no grooving detail, flat surface facing, 19/32" thick, square edge, manufactured with "Craftsman Panel" Douglas Fir plywood panel with Okoume surface veneer, 4'x8', 4'x9' or 4'x10' panel.

- ◆ Company Name: ROSEBURG FOREST PRODUCTS Co.
P.O. Box 1088, Roseburg, OR 97470
Product Description: “Breckenridge” Siding, 19/32” thick, plain square edge, APA certified siding, installed over 15/32” CDX plywood sheathing.
- ◆ Company Name: ROSEBURG FOREST PRODUCTS Co.
P.O. Box 1088, Roseburg, OR 97470
Product Description: “Douglas Fir” siding, 19/32” thick, 12” groove spacing, 1.5” groove width, 3/8” groove depth, shiplap, APA certified siding, installed over 15/32” CDX plywood sheathing.
- ◆ Company Name: ROSEBURG FOREST PRODUCTS Co.
P.O. Box 1088, Roseburg, OR 97470
Product Description: “DuraTemp™” siding, 15/32” thick, 4 ply, 8” groove spacing, 3/8” groove width, lap edge, APA certified siding, installed over 15/32” CDX plywood sheathing.
- ◆ Company Name: ROSEBURG FOREST PRODUCTS Co.
P.O. Box 1088, Roseburg, OR 97470
Product Description: “DuraTemp™” siding, primed ship lap siding, 19/32” thick, 4’x8’, 5 ply-4 plys Douglas fir veneer with hardboard face ply, 8” groove spacing, nominal 3/8” groove width, nominal 0.30” panel thickness at groove and lap edge (1/4” groove depth), APA certified siding indicating conformity with PRP-108 and ICC-ES ESR-4856 evaluation report, installed over ½” plywood or 7/16” OSB sheathing.
- ◆ Company Name: SHAKERTOWN
1200 Kerron Street, Winlock, WA 98596
Product Description: “Shakertown® Craftman™” 1-course Cedar Shingle Panel siding, 4-1/2” thick or wider, manufactured using Western Red Cedar vertical-grain heartwood shingles over a full plywood back, 3/8” shingle butt and overlocking end-joints, and installed over 7/16” oriented strandboard (OSB) sheathing and #15 building paper. For horizontal installation only.
- ◆ Company Name: WEATHER-TILE LOG SIDING PRODUCTS, INC.
3963 Garden Spot Rd., Loon Lake, WA 99148
Product Description: “Wane Edge” solid wood lap siding made of Ponderosa Pine,

Redwood, Western Red Cedar, Incense Cedar, Port Orford Cedar, or Alaska Yellow Cedar, or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested in accordance with ASTM E84, 1" thick (thickest point) 5/8" x 2" bevel, 10" or wider, with a minimum overlap of 2" over the undercourse, installed over 7/16" oriented strandboard (OSB) sheathing.

◆ Company Name: WHISPER CREEK LOG HOMES

997 West 950 North, Suite 100, Centerville, UT 84014

Product Description: "Whisper Creek Log" siding, nominal 1/2" round "slices" cut from softwood log, mechanically fastened to 7/16" oriented strand board sheathing and supported on nominal 2" x 6" lumber framing. The log sections measured approximately 9' wide, 3" to 4" at the radius, with a nominal 1" gap between sections. Foamed polyethylene backer rod filled the gap between log sections, providing support to a minimum 1/2" thick application of UL listed Sashco Sealant, Inc. chinking material.

◆ Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE® 8025 w 1212 preservative treated radiate solid pine wood siding, 1"x6", 1"x8", and 1"x10" v-rustic shiplap siding pattern, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness. For "Horizontal" installation only.

◆ Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE+® protected siding, end-and edge-glued preservative treated radiate pine, nominal 1"x 6", 1" x 8" or 1" x 10" "V-Rustic" shiplap, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness with Exposure 1 rating. For "Horizontal" installation only.

◆ Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE+® protected siding, end-and edge-glued preservative treated radiate pine, nominal 1"x 6" or 1" x 10" "Cove" shiplap, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness with Exposure 1 rating. For "Horizontal" installation only.

◆Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE+® protected siding, end-and edge-glued preservative treated radiate pine, nominal 1"x 6" or 1" x 8" "Rabbetted bevel", with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness with Exposure 1 rating. For "Horizontal" installation only.

◆Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE+® protected, end-and edge-glued preservative treated radiate pine, nominal 1"x 6", 1" x 8" or 1" x 10" lap siding, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness with Exposure 1 rating. For "Horizontal" installation only.

◆Company Name: WINDSOR MILL

7950 Redwood Drive #4, Cotati, CA 94931

Product Description: WindsorONE+® protected siding, end-and edge-glued preservative treated radiate pine, nominal 1"x 8" or 1" x 10" "Channel Bevel" shiplap, with no through holes or loose knots, installed over oriented strand board (OSB) with a 7/16" minimum thickness with Exposure 1 rating. For "Horizontal" installation only.

◆Company Name: SHAKERTOWN

1200 Kerron Street, Winlock, WA 98596

Product Description: Shakertown® Craftsman™ 1-Course Cedar Shingle Panel, 4-1/2", 7' and 14" exposure siding product, Western Red

Cedar vertical-grain heartwood shingle, installed over oriented strand board (OSB) with a 7/16" minimum thickness. For horizontal installation only.

◆ Company Name: Various Manufacturers

Product Description: Solid-sawn "Wood" siding with no through holes or loose knots, installed over structural plywood or oriented strand board (OSB) with a 7/16" minimum thickness and complying with Voluntary Product Standard PS1 or Voluntary Product Standard PS2, with the following interlocking designs when installed in accordance with industrial technical guide. Refer to manufacturer's installations for details.

1. Tongued & Grooved, Shiplap, Channel Shiplap, V Shiplap, Log Cabin: When applied in a horizontal orientation with minimum nominal 6" wide and nominal 1" thick boards made of wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", "Ponderosa Pine", "Douglas Fir", "White Fir", and "Western Spruce", or other wood species having a Flame Spread Rating not greater than 150 (Class C) when tested in accordance with ASTM E84.

1a. Tongued & Grooved, Shiplap, V Shiplap (Edge Vee One Side): When applied in a horizontal orientation with minimum nominal 4" wide and nominal 1" thick boards made of wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested in accordance with ASTM E84. An additional face nail is to be added and shall be placed on the face, approximately 1" from the groove edge for T&G or overlapping edge for shiplap designs.

2. Rabbeted Bevel: When applied in a horizontal orientation with minimum nominal 6" wide and nominal 1" thick boards made of a wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested in accordance with ASTM E84.

3. Board and Batten: When applied in a vertical orientation with minimum nominal 8" wide and nominal 1" thick boards, and minimum nominal 4" wide and nominal 1-1/4" thick battens, with boards installed with a gap not more than 1/2", with battens fastened to the wood frame with not less than 3" long fasteners at a schedule not more than 24" on center, and boards and battens made of a wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested in accordance with ASTM E84.
4. Tongued & Grooved, Shiplap, Channel Shiplap, V Shiplap: When applied in a vertical orientation with minimum nominal 6" wide and nominal 1" thick boards made of wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", "Ponderosa Pine", "Douglas Fir", "White Fir", and "Western Spruce", or other wood species having a Flame Spread Rating not greater than 100 (Class C) when tested in accordance with ASTM E84.
- 4a. Tongued & Grooved, Shiplap, Channel Shiplap, V Shiplap (Edge Vee One Side): When applied in a vertical orientation with minimum nominal 4" wide and nominal 1" thick boards made of wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested in accordance with ASTM E84. An additional face nail is to be applied on the surface, approximately 1" from the grooved or shiplap edge.
5. Board on Board: When applied in a vertical orientation with minimum nominal 8" wide and nominal 1" thick boards, and 3/4" thick x 3-1/2" wide plywood inserts between boards, with boards and plywood inserts installed with a gap not more than 1/8" between them and fastened to the wood frame with not less than 3" long fasteners at a schedule not more than 24" on center, and boards made of a wood species "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", "Alaska Yellow Cedar", or other wood species having a Flame Spread Rating not greater than 75 (Class B) when tested

in accordance with ASTM E84.

All nominal board sizes shall comply with the applicable provisions of American Softwood Lumber Standard DOC PS 20. Edge and end glued siding is permitted to be used interchangeably with solid sawn members.

The recommended installation practice for solid wood siding in wall construction regarding butt and overlapping joints is: butt joints between pieces should be staggered a minimum of 12" and all butt joints should be flush with no gap. Nail joints into the studs or blocking members. One nail at each crossing with the wood frame support member shall be used for nominal 6" siding and 2 nails for nominal 8" or wider siding.

Exterior Windows (SFM Standard 12-7A-2)

- ◆Company Name: MILLWORKS ETC., INC.
2586 Calcite Cir., Newbury Park, CA 91320
- Product Description: "Wood Casement Window", 36" width x 40" length (nominal) with 1/4" Millfire 1 laminated safety glass CFR 1201 CAT II, Meranti/Mahogany sill and frame.
- ◆Company Name: STEELWORKS ETC., INC.
2586 Calcite Cir., Newbury Park, CA 91320
- Product Description: "Steel Casement Window", 36" width x 40" length (nominal) with 1/4" Millfire 1 laminated safety glass CFR 1201 CAT II, mild and cold rolled steel frame.

Exterior Door Assemblies (SFM Standard 12-7A-1)

- ◆Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
- Product Description: Custom Wood Garage Door, constructed of 1/2" Douglas Fir plywood face covered with a 1/16" medium density fiberboard (MDF) veneer, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back

face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2" and measured 2-3/4" where the MDF moldings are affixed.

◆ Company Name: CARRIAGE HOUSE DOOR COMPANY

P.O. Box 572, West Sacramento, CA 95691

Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with a 5/8" Extira trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2" and measured 2-3/4" where the Extira trim is affixed.

◆ Company Name: CARRIAGE HOUSE DOOR COMPANY

P.O. Box 572, West Sacramento, CA 95691

Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with a 1/2" x 6 Clear Western Red Cedar 2nd layer, 1x6 Clear Western Red Cedar trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-3/4" and measured 3-1/16" where the Clear Western Red Cedar trim is affixed.

◆ Company Name: CARRIAGE HOUSE DOOR COMPANY

P.O. Box 572, West Sacramento, CA 95691

Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with 1x6 STK Incense Cedar trim, 1x6 STK Incense Cedar 2nd layer face, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-3/4" and measured 3-5/16" where the STK Incense Cedar trim is affixed.

- ◆Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
- Product Description: Custom Wood Garage Door, constructed of 5/8" MDO (medium density overlay) plywood face covered with a 5/8" Extira wood composite trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-1/4" and measured 2-13/16" where the Extira trim is affixed.
- ◆Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
- Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with 3/8" x 6 Mahogany overlay, 1x6 Mahogany trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-1/2" and measured 3-1/16" where the Mahogany trim is affixed.
- ◆Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
- Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with 1x6 Douglas Fir overlay, 1x6 Douglas Fir trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-3/4" and measured 3-5/16" where the Douglas Fir trim is affixed.
- ◆Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
- Product Description: Custom Wood Garage Door, constructed of 1/2" MDO (medium density overlay) plywood face covered with 1x6 Redwood overlay, 1x6 Redwood trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and

rails, with one stile located at the center of the panel. The overall thickness of the door is 2-3/4" and measured 3-5/16" where the Redwood trim is affixed.

◆ Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
Product Description: Custom Wood Garage Door, constructed of 5/8" Breckenridge siding face covered with 1x6 Clear Western Red Cedar trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2-1/4" and measured 2-13/16" where the Clear Western Red Cedar trim is affixed.

◆ Company Name: CARRIAGE HOUSE DOOR COMPANY
P.O. Box 572, West Sacramento, CA 95691
Product Description: Custom Wood Garage Door, constructed of 1/2" Marine Mahogany plywood face covered with 1x6 Clear Western Red Cedar or 1x6 Mahogany trim, nominal 1-3/8" thick polystyrene foam insulation occupying the hollow core, 1/4" plywood back face, and 1-3/8" thick by 2-1/2" wide Douglas Fir stiles and rails, with one stile located at the center of the panel. The overall thickness of the door is 2" and measured 2-11/16" where the Clear Western Red Cedar or Mahogany trim is affixed.

◆ Company Name: JELD-WEN INC.
3737 Lakeport Blvd., Klamath Falls, OR 97601
Product Description: Jeld-Wen FR fiberglass clad polyurethane door-Aurora Door, single swing type, 3' x 6' 8" x 1-3/4" thick.

◆ Company Name: PLASTPRO INC.,
5200 West Century Blvd., Los Angeles, CA 90045
Product Description: Plastpro's fiberglass door with foam core, 3' x 6'8" x 1-3/4" single swing type embossed 20 minute door.

◆ Company Name: PLASTPRO INC.,
5200 West Century Blvd., Los Angeles, CA 90045

Product Description: Plastpro's fiberglass door with foam core, 3' x 6'8" x 1-3/4" single swing type flush 20 minute door.

◆Company Name: PLASTPRO INC.,
5200 West Century Blvd., Los Angeles, CA 90045

Product Description: Plastpro's fiberglass door with foam core, 3' x 8' x 1-3/4" single swing type embossed 20 minute door.

◆Company Name: PLASTPRO INC.,
5200 West Century Blvd., Los Angeles, CA 90045

Product Description: Plastpro's fiberglass door with foam core, 3' x 8' x 1-3/4" single swing type flush 20 minute door.

◆Company Name: RANCH HOUSE DOORS
1527 Pomona Road, Corona, CA 92880

Product Description: Custom Garage Door, constructed of 1/2" mixed Hemfir plywood with medium density overlay veneer over a nominal 1-3/32" frame (solid wood stiles and rails) with 1" polystyrene foam insulation in the hollow core, and 1/4" nominal plywood back. The overall door thickness is 1-27/32" minimum up to 3-1/2" with overlay.

Under Eave (SFM Standard 12-7A-3)

◆Company Name: BARRIER TECHNOLOGY CORP.
510 4th Street North, Watkins, MN 55389

Product Description: Blazeguard® sheathing with Pyrotite bonded to 1/2" CDX plywood, 3/8", 15/32", 1/2", 5/8" or 3/4" thickness, panel size 4'x8'.

◆Company Name: BARRIER TECHNOLOGY CORP.
510 4th Street North, Watkins, MN 55389

Product Description: Blazeguard® sheathing with Pyrotite bonded to 7/16" oriented strand board (OSB), 3/8", 15/32", 1/2", 5/8" or 3/4" thickness, panel size 4'x8'.

- ◆ Company Name: BODYGUARD WOOD PRODUCTS
5485 NW Osprey Place, Portland, OR 97229
Product Description: "Bodyguard® #801" tongue and groove, pressure treated pine, minimum 9/16" thick x 3-1/4" wide (nominal 5/8" x 4"), installed over 1/2" regular gypsum board.
- ◆ Company Name: BODYGUARD WOOD PRODUCTS
5485 NW Osprey Place, Portland, OR 97229
Product Description: "Bodyguard® #802" tongue and groove, pressure treated pine, minimum 3/4" thick x 5-7/16" wide (nominal 1" x 6"), installed over 1/2" regular gypsum board.
- ◆ Company Name: BODYGUARD WOOD PRODUCTS
5485 NW Osprey Place, Portland, OR 97229
Product Description: Bodyguard® "V-Rustic" Pattern Number 793, 794 and 795, preservative treated pine, minimum 3/4" thick x 6" wide (or wider) dimensions, installed over 1/2" regular gypsum board.
- ◆ Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "CemSoffit®" un-vented, fiber-cement soffit, 3/16" thick and 1/4" thick.
- ◆ Company Name: JAMES HARDIE BUILDING PRODUCTS, INC.
10901 Elm Avenue, Fontana, CA 92337
Product Description: "HardieSoffit®" un-vented, fiber-cement soffit, 3/16" thick and 1/4" thick.
- ◆ Company Name: MEXALIT INDUSTRIAL, S.A. de C.V.
849 East Sanhill Avenue, Carson, CA 90746
Product Description: "MaxiSoffit" flat fiber cement panel, 1/4" or 5/16" thick x 24" or 48" width x 8", 9" or 10" length.
- ◆ Company Name: LOUISIANA-PACIFIC
414 Union Street, Suite 2000, Nashville, TN 37219
Product Description: "LP FlameBlock™" sheathing, 4' x 8' fire rated oriented strand

board (OSB), 15/32" minimum nominal thickness with minimum Pyrotile applied direct to one face of OSB, 1/8" gap at joist nailer and Cedar and Redwood v-ceiling cladding products of nominal 5/8" (thickness or greater) x 4" (Width or wider).

Decking (SFM Standard 12-7A-4)

- ◆Company Name: ADVANCED ENVIRONMENTAL RECYCLING TECHNOLOGIES, INC.
914 North Jefferson, Springdale, AR 72764
Product Description: "ChoiceDek® FR" composite wood plastic deck board, 1-3/16" x 5-3/8" and 1-3/8" x 5-3/8", all colors.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class C (Refer to Exception of 704A.4.1.1 (3) (b))
- ◆Company Name: ADVANCED ENVIRONMENTAL RECYCLING TECHNOLOGIES, INC.
914 North Jefferson, Springdale, AR 72764
Product Description: "MoistureShield® FR" composite wood plastic deck board, 1-3/16" x 5-3/8" and 1-3/8" x 5-3/8", all colors.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class C (Refer to Exception of 704A.4.1.1 (3) (b))
- ◆Company Name: AZEK BUILDING PRODUCTS
801 East Corey Street, Scranton, PA 18505
Product Description: "AZEK Deck" composite deck board, all colors, 1" thick x 5.5" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B
- ◆Company Name: AZEK BUILDING PRODUCTS
801 East Corey Street, Scranton, PA 18505
Product Description: "AZEK Deck" composite deck board, all colors, 1" thick x 3.5" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B
- ◆Company Name: AZEK BUILDING PRODUCTS

801 East Corey Street, Scranton, PA 18505
 Product Description: "AZEK Porch" tongue and groove composite deck board, all colors, 1" thick x 3 1/8" width.
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class B

◆Company Name: BLUELINX
 901 Bay Marina Dr., National City, CA 91950
 Product Description: "Bluelinx Mangaris Diamond", Merbau hardwood deck board, 3/4" thick x 5-1/2" wide, 1.63 lb/lineal foot (57 lb/cu.ft), reddish brown color.
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class A

◆Company Name: CALI BAMBOO
 9365 Waples Street, Suite D, San Diego, CA 92121
 Description: "CaliBamboo® BamDeck™" deck board, edge-grooved with grooved surfaces, 0.8" thick (nominal) x 5.5" wide, 1.8 lb/lineal foot.
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class A

◆Company Name: EPOCH COMPOSITE PRODUCTS, INC., A TAMKO COMPANY
 223 South KK Highway, Lamar, MO 64759
 Product Description: "EverGrain" composite deck board, 15/16" thick x 5.5" width
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class C (Refer to Exception of 704A.4.1.1 (3) (b))

◆Company Name: EPOCH COMPOSITE PRODUCTS, INC., A TAMKO COMPANY
 223 South KK Highway, Lamar, MO 64759
 Product Description: "EverGrain" composite deck board, 1- 7/16" thick x 5.5" width
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class C (Refer to Exception of 704A.4.1.1 (3) (b))

◆Company Name: FIBER COMPOSITES, LLC
 181 Random Drive, New London, NC 28127
 Product Description: "Fiberon" composite deck board, 1" thick x 5 1/8" width.
 Test Protocol 12-7A-4, Part A only, Accelerated weathering.
 Flame Spread Class B

◆Company Name: FIBER COMPOSITES, LLC
181 Random Drive, New London, NC 28127
Product Description: "Portico" composite deck board, 1" thick x 5 1/8" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: FIBER COMPOSITES, LLC
181 Random Drive, New London, NC 28127
Product Description: "Veranda" composite deck board, 1" thick x 5 1/8" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: FIBER COMPOSITES, LLC
181 Random Drive, New London, NC 28127
Product Description: "WeatherBest™" composite deck board, 1" thick x 5 1/8" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: FIBER COMPOSITES, LLC
181 Random Drive, New London, NC 28127
Product Description: "Sensibuilt™" cellular PVC composite deck board, squared edge, 1" thick x 5 1/2" width, 1.73 lbs/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class A

◆Company Name: GAF-ELK CORPORATION
9806 Lackman Road, Lenexa, KS 66219
Product Description: "CrossTimbers Professional Grade FR" composite deck board, 1" thick x 5.5" width (nominal 1" x 6").
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: GAF-ELK CORPORATION
9806 Lackman Road, Lenexa, KS 66219
Product Description: "DuraLife™" composite deck board, edge-grooved, solid,

Test Protocol
Flame Spread 15/16" thick x 5-3/8" wide, 2.7 lb/lineal foot (nominal).
12-7A-4, Part A only, Accelerated weathering.
Class B

◆Company Name: GAF-ELK CORPORATION

9806 Lackman Road, Lenexa, KS 66219

Product Description: "DuraLife™" composite deck board, non-grooved, solid,
15/16" thick x 5-3/8" wide, 2.7 lb/lineal foot (nominal).

Test Protocol
Flame Spread 12-7A-4, Part A only, Accelerated weathering.
Class B

◆Company Name: GAF-ELK CORPORATION

9806 Lackman Road, Lenexa, KS 66219

Product Description: "Veranda™" composite deck board, solid, 15/16" thick x
5-1/4" wide, 2.7 lb/lineal foot (nominal).

Test Protocol
Flame Spread 12-7A-4, Part A only, Accelerated weathering.
Class B

◆Company Name: GOSSEN CORPORATION

2030 W. Bender Road, Milwaukee, WI 53209

Product Description: "Passport" Cellular PVC deck board, brown color, 1" thick x 5
1/2" width, rounded edges.

Test Protocol
Flame Spread 12-7A-4, Part A only, Accelerated weathering.
Class B

◆Company Name: GOSSEN CORPORATION

2030 W. Bender Road, Milwaukee, WI 53209

Product Description: "Weather Ready" Cellular PVC deck board, mocha color, 1"
thick x 5 1/2" width, rounded edges.

Test Protocol
Flame Spread 12-7A-4, Part A only, Accelerated weathering.
Class B

◆Company Name: INTEPLAST WORLD-PAK

9 Peach Hill Rd, Livingston, NJ 07039

Product Description: "TUF DECK™" extruded PVC composite square edge deck
board, 15/16" thick x 5-7/16" width, 1.65 lb/lineal foot

Test Protocol
Flame Spread 12-7A-4, Part A only, Accelerated weathering.
Class A

◆Company Name: LIFETIME COMPOSITES LLC
2121 Palomar Airport Rd., Suite 320, Carlsbad, CA 92024
Product Description: "LifeTime Lumber" composite deck board, 1-1/2" thick x 5-1/2" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: NEW FOREST STRATEGY
P.O. Box 212, Sonoma, CA 95476
Product Description: "DreamDex" scientifically enhanced performance lumber deck board, 1" thick x 5-1/2" width.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class A

◆Company Name: TIMBERTECH
894 Prairie Avenue, Wilmington, OH 45177
Product Description: "DockSider™ Plank" wood plastic composite (WPC) deck board, square edge, 1-1/4" thick x 5-1/2" wide, 3-1/2 lb/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: TIMBERTECH
894 Prairie Avenue, Wilmington, OH 45177
Product Description: "Earthwood™ Plank" wood plastic composite (WPC) deck board, square edge and grooved, 1" thick x 5-7/16" wide, 2.7 to 2.8 lb/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: TIMBERTECH
894 Prairie Avenue, Wilmington, OH 45177
Product Description: "ReliaBoard™" HDPE composite deck board, square edge, scalloped back surface, 3/4" at thinnest portion, 15/16" at thickest, 5-3/8" wide and nominally 2.4 lb/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: TIMBERTECH
894 Prairie Avenue, Wilmington, OH 45177
Product Description: "TwinFinish™ Plank" wood plastic composite (WPC) deck board, square edge and grooved, 1" thick x 5-7/16" wide, 2.7 to 2.8 lb/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: TIMBERTECH
894 Prairie Avenue, Wilmington, OH 45177
Product Description: "TimberTech XLM™" plastic composite deck board, square edge and grooved, 1" thick x 5-1/2" wide, nominal 1.6 lb/lineal foot.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class A

◆Company Name: TREX COMPANY, INC.
245 Capitol Avenue, Winchester, VA 22601
Product Description: "Trex Accents: Fire Defense" wood and polyethylene composite deck board, nominal 5/4" thick x 5-1/2" width, nominal density of 0.036 lb/in³.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: TREX COMPANY, INC.
245 Capitol Avenue, Winchester, VA 22601
Product Description: "Trex Escapes" cellular PVC composite deck board, nominal 1" thick x 5-1/2" width, nominal density of 1.6 lbs/linear ft.
Test Protocol 12-7A-4, Part A and B, Accelerated weathering.
Flame Spread Class A

◆Company Name: SABRA INTERNATIONAL INC.
300 71st Street, Suite 430, Miami Beach, FL 33141
Product Description: Sabra Brand "IPE" square edge deck board, 3/4" thick x 5.3" width, nominal density of 63.2 lb/in³.
Test Protocol 12-7A-4, Part A only, Accelerated weathering.
Flame Spread Class B

◆Company Name: Various Manufacturers

Product Description: Solid "Wood" decking, when installed over minimum 2" x 6" solid "Douglas Fir" or better joists, spaced 24" or less on center, and decking and joists complying with American Softwood Lumber Standard PS 20 as follows:

1. Minimum nominal 5/4" thick and nominal 6" wide decking boards with a maximum 3/8" radius edges made of: "Redwood", "Western Red Cedar", "Incense Cedar", "Port Orford Cedar", or "Alaska Yellow Cedar". Lumber grades: construction common, commercial or better grades for Redwood; 3 common, commercial or better grades for Cedars. The above species are having a Class B Flame Spread rating when tested in accordance with ASTM E84.

2. Minimum nominal 5/4" thick and 6" wide decking boards with a maximum 3/8" radius edge made of Ponderosa Pine; PATIO 2 grade or better. The above species are having a Class C Flame Spread rating when tested in accordance with ASTM E84.

Test Protocol 12-7A-4, Part A only, Accelerated weathering.

Ignition-Resistant Materials (ASTM E84 for 30 Min. with Accelerated Weathering Test)

◆Company Name: BARRIER TECHNOLOGY CORP.

510 4th Street North, Watkins, MN 55389

Product Description: Blazeguard® sheathing with Pyrotite bonded to 1/2" CDX plywood, 3/8", 15/32", 1/2", 5/8" or 3/4" thickness, panel size 4'x8'.

◆Company Name: BARRIER TECHNOLOGY CORP.

510 4th Street North, Watkins, MN 55389

Product Description: Blazeguard® sheathing with Pyrotite bonded to 7/16" oriented strand board (OSB), 3/8", 15/32", 1/2", 5/8" or 3/4" thickness, panel size 4'x8'.

◆Company Name: CHEMCO INC.

Product Description: 4191 Grandview Road (P.O. Box 875), Ferndale, WA 98248
Type "FRX" and "Thermex-FR" fire-retardant-treated lumber. Products are Douglas Fir, Southern Yellow Pine, Western Red Cedar, White Spruce and Western Hemlock pressure impregnated with "FRX" and "Thermex-FR " fire retardant chemical.

◆Company Name: CHEMCO INC.

Product Description: 4191 Grandview Road (P.O. Box 875), Ferndale, WA 98248
Type "FRX" and "Thermex-FR" fire-retardant-treated plywood. The plywood is Structural I grade, exterior plywood complying with PS1. Products are pressure impregnated with "FRX" and "Thermex-FR " fire retardant chemical.

◆Company Name: HOOVER TREATED WOOD PRODUCTS, INC.

Product Description: 154 Wire Road, Thomson, GA 30824
"EXTERIOR FIRE X" pressured impregnated treated lumbers (Douglas Fir, Southern Yellow Pine, Western Red Cedar, Redwood). (CSFM Listing No. 2520-1701:100)

◆Company Name: HOOVER TREATED WOOD PRODUCTS, INC.

Product Description: 154 Wire Road, Thomson, GA 30824
"EXTERIOR FIRE X" pressured impregnated treated plywood (Douglas Fir, Micro-Lam Douglas Fir, Southern Yellow Pine, Gang-Lam Southern Yellow Pine, Micro-Lam Southern Yellow Pine, Spruce Master Plank). (CSFM Listing No. 2580-1701:101)

◆Company Name: TIMBERSIL PRODUCTS

Product Description: 5415 Backlick Road, Suite C, Springfield, VA 22151
"TimberSIL® Glass Wood" lumber. Product is Southern Yellow Pine lumber covered with layers of non-toxic, non-crystallized glass barriers.

Wood Roof Shake and Shingles

◆Company Name: FSR TREATMENT INC.,
9486-288 St., Maple Ridge, BC V2W 1L1 Canada

Product Description: Model FTX and Thermex and FSR pressure treated, No. 1 Grade Western Red Cedar shakes or shingles. Shakes and shingles, having a maximum moisture content of 20%, are pressured treated by FSR Treatment, Inc. with FSR Treatment, Inc's proprietary fire retardant chemical. (CSFM Listing No. 4150-1735:0101)

◆Company Name: FSR TREATMENT INC.,

9486-288 St., Maple Ridge, BC V2W 1L1 Canada

Product Description: Model FSR pressure treated, No. 1 Grade Western Red Cedar shakes or shingles. Shakes and shingles, having a maximum moisture content of 20%, are pressured treated by FSR Treatment, Inc. with White Mountain Building products' proprietary fire retardant chemical. (CSFM Listing No. 4150-1735:0100)