

**REQUARTH USES D-BLAZE®  
FIRE-RETARDANT TREATED WOOD**

At Requarth Lumber, we pressure treat lumber and plywood with D-BLAZE, a well-established interior fire retardant with a superior record of performance.

Fire-retardant treated (FRT) wood is commonly specified for projects with stringent fire safety requirements. These include nursing homes, college dormitories, commercial offices, shopping malls, and government buildings. Customers typically purchase D-BLAZE FRT lumber for sheathing, subflooring, joists, studs, blocking, and furring.

D-BLAZE FRT wood can be used in virtually any interior environment where humidity is not expected to exceed 95% for prolonged periods and where the wood is not exposed directly to weather.

When ordinary wood is exposed to fire, it heats and forms gases, combustible tars, and smoke. When D-BLAZE treated wood is exposed to flame, the chemicals form an insulating layer of non-combustible gasses and water vapor, causing the wood to char instead of burn. Practically no smoke is evident and, when the flame sources is removed, any fire on the treated wood extinguishes itself.

Every piece carries the Underwriters Laboratories (UL) stamp that ensures it meets the highest standards in the industry. In fact, the performance of D-BLAZE materials meets or exceeds the standards of major building codes, insurance rating bureaus, and national organizations involved in certifying fire-retardant building materials.

**FRT DIMENSION**

**#2 & Better Spruce Pine Fir FRT**

	8'	10'	12'	14'	16'
2 x 2	228FRT	2210FRT	2212FRT		
2 x 4	248FRT	2410FRT	2412FRT	2414FRT	2416FRT
2 x 6	268FRT	2610FRT	2612FRT	2614FRT	2616FRT

**#1 Southern Yellow Pine FRT**

	10'	12'	14'	16'
2 x 8	2810FRT	2812FRT	2814FRT	2816FRT
2 x 10	21010FRT	21012FRT	21014FRT	21016FRT
2 x 12	21210FRT	21212FRT	21214FRT	21216FRT

**FRT BOARDS**

**#2 Southern Yellow Pine FRT**

	8'	10'	12'	14'	16'
1 x 4	148FRT	1410FRT	1412FRT	1414FRT	1416FRT
1 x 6	168FRT	1610FRT	1612FRT	1614FRT	1616FRT
1 x 8		1810FRT	1812FRT	1814FRT	1816FRT

**FRT PLYWOOD AND PANELS**

**AC FRT**

Commonly used for interior applications where a smooth, paintable surface is specified.

	$1\frac{5}{32}$ "	$2\frac{3}{32}$ "
4' x 8'	12ACFRT	34ACFRT

**CDX FRT**

Commonly used for roof sheathing.

	$1\frac{5}{32}$ "	$1\frac{9}{32}$ "	$2\frac{3}{32}$ "
4' x 8'	12CDFRT	58CDFRT	34CDFRT

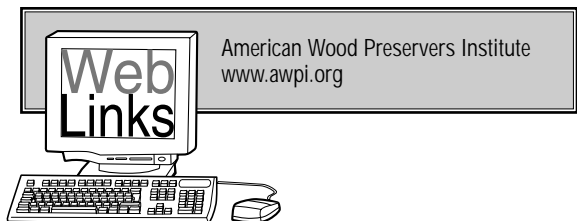
**Sturdifloor FRT**

A tongue and groove product commonly used for subflooring.

	$2\frac{3}{32}$ "
4' x 8'	34SFRT

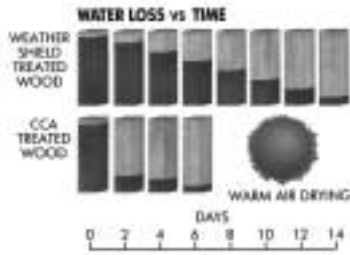
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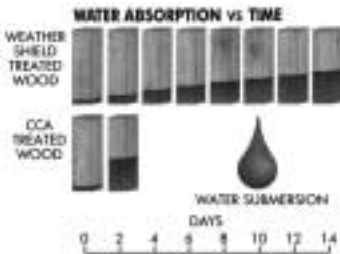
## Two Stages of Wood Protection

Osmose® Weathershield® Pressure Treated Lumber provides unique protection in two stages.



### Stage 1 Protection:

First, Weathershield® minimizes the initial shock of outdoor exposure by actually slowing the rate of drying or moisture release from the wood's surface.



### Stage 2 Protection:

After stage 1 protection, Osmose® Weathershield® then provides wood with long-term water repellency against water absorption, minimizing reoccurring swelling and shrinking weathering cycles.

## All Around Protection and Durability

Remember, because Osmose® Weathershield® Water Repellent is pressure treated into the wood, it will protect all surfaces, including the sides and bottom surface normally missed by spray or brush-on water repellents. Plus, pressure treatment ensures penetration of water repellent through to the heartwood of each board. Osmose® Weathershield® carries our lifetime limited warranty against termites, rot, and decay. Decks, fences, walkways, lawn furniture, and landscaping are prime examples where Osmose® Weathershield® can be used when protection from the elements is a concern.

## Color and Surface Protection

All wood exposed to weather will naturally fade in color and eventually turn gray. Osmose® Weathershield® pressure treatment will help retard the natural graying. To fully prevent surface discoloration, we recommend Osmose® Wood Stains with water repellent for durable, beautiful color. The appearance and surface water repellency of Osmose® Weathershield® pressure treated wood can be enhanced periodically with Osmose® Clear Water Repellent or Osmose® Stain with water repellent. A regular maintenance program will maximize protection against degrading UV radiation from the sun, which can oxidize and discolor the surface of wood.

## Building Tips

Whatever you build with Osmose® brand wood products will last a long time. So, it makes good sense to build in a craftsmanlike manner. Here are some helpful tips to make your job easier and look better.

### Use Galvanized Fasteners/Deck Board Adhesive

Use galvanized or stainless nails, screws, or bolts when working with Osmose® brand wood products. These types of fasteners are corrosion-resistant and will help prevent rust stains on your project. Adhesives add extra holding power. Apply adhesives in accordance with manufacturer's directions.

### When Appearance Permits, Nail Bark Side Up

As a general rule, nail boards bark side up (annual rings arc upward). However, the best face should be placed up when a defect of the wood is apparent.

### Drill Pilot Holes

Especially when nailing or screwing near the edge or end of a board, it's a good idea to drill pilot holes for your fasteners. Pilot holes will help minimize splitting.

### Deck Board Spacing

If the wood is wet after treatment, butt decking boards together firmly. As drying occurs, some shrinkage can be expected. If the wood has been kiln-dried or air-dried after treatment, allowing for shrinkage is not necessary.

### Apply a Weather-Resistant Finish

Any exposed wood, pressure treated or not, should be protected from the weather. Application of a quality clear water repellent or semi-transparent stain which contains a water repellent will help minimize the cycles of moisture take-up and loss the wood goes through outdoors. First, thoroughly clean your project with a deck cleaning product such as Osmose® WoodBrite™. A clear water repellent can be immediately applied to your deck or other project.

If you choose to use a semi-transparent stain which contains a water repellent, you need to first check that your project is surface dry. Either wait until the surface is dry or immediately apply a clear water repellent and wait approximately eight weeks and then apply your chosen color of semi-transparent stain. In all instances, follow the manufacturer's directions when applying water repellents or semi-transparent stains which contain a water repellent. For more information, please see the Osmose® Maintenance brochure.



## REQUARTH'S TREATED LUMBER CARRIES A LIFETIME WARRANTY

Treated lumber protects wood from termites and fungi — two of wood's most destructive enemies. At Requarth Lumber, we treat wood at our own facility and use CCA from Osmose® Wood Preserving. Sold under the brand name K-33®, these wood products carry a limited lifetime warranty against rot and decay.

The Osmose® pressure treatment process protects wood by forcing CCA preservative deep into the wood where it forms a leach-resistant bond with the wood fiber.

CCA products are clean and dry to the touch with no offensive odors or irritating fumes. When working with Osmose® brand pressure-treated wood, always follow safety and handling precautions. Requarth will gladly supply you with a copy of the Consumer Information Sheet.

## PRESERVATIVE TREATED DIMENSION

### #1 Southern Yellow Pine (SYP) K-33

Pressure-treated. Intended primarily for use where high strength, stiffness, and good appearance are desired. 2" x 4" and 2" x 6" are ideal for deck surfaces and handrails.

	8'	10'	12'	14'	16'	18'	20'
2 x 2	228T	2210T	2212T				
2 x 4	248T	2410T	2412T	2414T	2416T	2418T	2420T
2 x 6	268T	2610T	2612T	2614T	2616T	2618T	2620T
2 x 8	288T	2810T	2812T	2814T	2816T	2818T	2820T
2 x 10	2108T	21010T	21012T	21014T	21016T	21018T	21020T
2 x 12	2128T	21210T	21212T	21214T	21216T	21218T	21220T

### #2 Southern Yellow Pine (SYP) K-33

Pressure-treated. Recommended for most general construction uses.

	8'	10'	12'	14'	16'	18'	20'
2 x 4	248T2	2410T2	2412T2	2414T2	2416T2	2418T2	2420T2
2 x 6	268T2	2610T2	2612T2	2614T2	2616T2	2618T2	2620T2
4 x 4	448T	4410T	4412T	4414T	4416T		
4 x 6	468T	4610T	4612T	4614T	4616T		
6 x 6	668T	6610T	6612T	6614T	6616T		
6 x 8		6810T					

### 2 x 6 Tongue and Groove

#### #2 Southern Yellow Pine (SYP) K-33

2" x 6" tongue and groove treated Southern Yellow Pine is commonly used for roof deck applications.

	8'	10'	12'	14'	16'
2 x 6	268TTG	2610TTG	2612TTG	2614TTG	2616TTG

## PRESERVATIVE TREATED PLYWOOD

### CDX K-33

	1 <sup>5</sup> / <sub>32</sub> "	1 <sup>9</sup> / <sub>32</sub> "	2 <sup>3</sup> / <sub>32</sub> "
4' x 8'	12CDT	58CDT	34CDT

## PRESERVATIVE TREATED BOARDS

### #2 Southern Yellow Pine (SYP) K-33

Preservative-treated lumber of this grade is intended for use where it is exposed and a knotty type of board with a fine appearance is needed.

	8'	10'	12'	14'	16'
1 x 4	148T	1410T	1412T	1414T	1416T
1 x 6	168T	1610T	1612T	1614T	1616T
1 x 8	188T	1810T	1812T	1814T	1816T

## DECK BOARDS

### Southern Yellow Pine (SYP) K-33

These radius-edge boards make an ideal deck surface. They are treated with Osmose® Weathershield.

	8'	10'	12'	14'	16'
5/4 x 4	5448TD	54410TD	54412TD	54414TD	54416TD
5/4 x 6	5468TD	54610TD	54612TD	54614TD	54616TD

## FENCE BOARDS

### #2 Southern Yellow Pine (SYP) K-33

	6'
1 x 6	166TFB



*Requarth has the capability to produce treated millwork and other specialty products. Treating service only, where lumber is supplied by the customer, is available.*

**For other related products, see the following:**

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**TREX**

Trex is a wood-polymer lumber made from approximately equal proportions of reclaimed plastic and wood waste. It is extremely durable, making it an ideal choice for decking and landscaping.

Unlike plastic lumber, which is typically 100% plastic, Trex is approximately 50% wood fiber and 50% plastic. Because of the wood content, Trex has the advantages of low thermal expansion/contraction, natural UV stability, paintability, good traction, and outstanding workability.

Trex weighs more than wood and is more flexible. Special care should be taken when handling. Do not attempt to lift similar volumes of Trex as you do wood. Store Trex on a flat surface at the jobsite. Trex is not intended for use as columns, beams, joists, stringers, or other primary load-bearing members.

Description	Length*	Stock #
5/4 X 6	12'	54612TRX
5/4 X 6	16'	54616TRX
5/4 X 6	20'	54620TRX
2 x 2	3'6"	2236TRX
2 x 4	12'	2412TRX
2 x 4	16'	2416TRX
2 x 6	16'	2616TRX

\* Other sizes available by special order.



*Requarth stocks "natural" color Trex. Other sizes and colors, including Winchester Grey and Woodland Brown, are available through special order.*



**IPE**

Ipe consists of about 20 species of trees found in practically every Latin American country except Chile. Its strength and durability make it an ideal option for deck surfaces and handrails.

The sapwood is relatively thick, yellowish gray, or gray brown and sharply differentiated from the heartwood, which is a light to dark olive brown. The texture is fine. Grain is closely and narrowly interlocked. Luster is medium. The wood is very heavy and averages about 64 pounds per cubic foot at 12 percent moisture content. Thoroughly air-dried specimens of heartwood generally sink in water.

Ipe is moderately difficult to machine because of its high density and hardness. Glassy smooth surfaces can be readily produced.

Being a very heavy wood, ipe is also very strong in all properties and in the air-dry condition is comparable to greenheart.

Ipe is highly resistant to decay and insects, including both subterranean and dry-wood termites. It is, however, susceptible to marine borer attack. The heartwood is impermeable, but the sapwood can be readily treated with preservatives.

Because of its hardness (two to three times that of oak) and very good dimensional stability, ipe is used almost exclusively for heavy-duty and durable construction.

Because of its hardness (two to three times that of oak) and very good dimensional stability, ipe is used almost exclusively for heavy-duty and durable construction.

Ipe is available in the following nominal dimensions. Please specify lengths when ordering.

- 1 x 6
- 2 x 2
- 2 x 4
- 2 x 6
- 2 x 8
- 4 x 4

***For other related products, see the following:***

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**Osmose® WoodBrite**

Cleans and brightens soiled or weathered-gray wood to bring back the natural color.

Size	Stock #
13 oz	WB

**Osmose® Clear Water Repellent**

Provides lasting beauty and protection from swelling, cracking, splitting, and warping.

Size	Stock #
1 gallon	CWR
5 gallon	CWR5

**Osmose® Green EndCoat**

Protects cut ends against moisture, rot, decay, and termite attack.

Size	Stock #
1 gallon	GEC

**Lattice**

Description	Stock #
2' x 8' Panel, Treated	28TLP
4' x 8' Panel, Treated	48TLP
4' x 8' Panel, Treated, Heavy (1/2" Slats)	48TLP12

**Beveled 2 x 2**

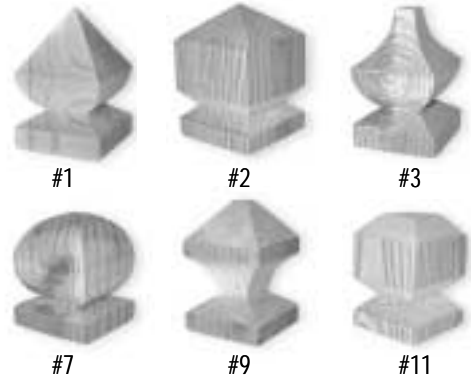
2 x 2's have a 45 degree bevel on one end and are square on the other. Commonly used for balusters on deck handrails.

Description	Stock #
Beveled 2 x 2 x 4'	224T



**Deckmaster®**

Completely hidden deck fastening system. No surface punctures because the boards attach from the underside. Deckmaster® Brackets come in your choice of galvanized steel for standard deck applications or stainless steel for coastal salt water and marine applications.



**Post Caps**

Description	Stock #
#1 Post Cap, 4" x 4", K-33	1PCAP
#2 Post Cap, 4" x 4", K-33	2PCAP
#3 Post Cap, 4" x 4", K-33	3PCAP
#7 Post Cap, 4" x 4", K-33	7PCAP
#9 Post Cap, 4" x 4", K-33	9PCAP
#11 Post Cap, 4" x 4", K-33	11PCAP



*Special order post caps are available in 4" x 4" and 6" x 6" treated yellow pine, redwood, and cedar.*

**For other related products, see the following:**

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