

## Engineering

Ultra-Lattice is fully engineered. Standard and job-specific engineering available upon request.

## Codes & Certifications

Meets IBC/IRC and state building codes.  
Western Fire Center, Inc. assigned  
Ultra-Lattice a class A spread of flame UBC  
15-2 Roof Fire Testing rating.



From curves to tiers, Ultra-Lattice offers unsurpassed design flexibility.

## Warranty

Ultra-Lattice carries a limited lifetime warranty against manufacturing defects resulting in peeling, blistering, flaking, splitting, deterioration, chipping or cracking of finish. It is guaranteed not to chalk in excess of ASTM D-2414-89 method D659 number eight (8) rating. Will NOT change color more than five (5.0) Hunter E units as determined by ASTM method D-2244-93. It is understood that fading or color changes may not be uniform on the surfaces that are equally exposed to the sun and elements. Ask your FSBP representative for complete warranty details.

## To Order

Contact one of our 18 distribution centers nationwide for product availability. Orders may be picked up or shipped direct to job site. For the Four Seasons Building Products Eastern Distribution Center near you, call Joe North, 205-945-7311, email at [jnorth@fsbpgroup.com](mailto:jnorth@fsbpgroup.com), or visit our website, [www.fourseasonsbp.com](http://www.fourseasonsbp.com), to view our service center locations.

## Specifications

### ALUMINUM LATTICE SHADE COVERS PART 2 PRODUCT

#### 2.1 ACCEPTABLE MANUFACTURERS AND PRODUCTS

##### A. Acceptable Manufacturers:

1. Four Seasons Building Products

##### B. Acceptable Products:

1. Ultra-Lattice™ Shade Covers, fabricated from deep wood grained embossed aluminum.
2. Provide beams and rafters with [beveled] [mitered][corbelled] [scalloped] end caps.
3. Standard sizes and thicknesses:
  - a. Columns: 3 x 3 inch center post sandwiched between two 2 x 6-1/2 inch side members, fabricated from .024, .032, .040 inch thick aluminum.
  - b. Beams, 3 x 8 inch, fabricated from .040 inch thick aluminum.
  - c. Rafters: 2 x 6-1/2 inch, fabricated from .024, .032, .040 inch thick aluminum; thickness as determined by manufacturer for spans encountered.
  - d. Lattice: [2 x 2][2 x 3] [3 x 3] inch fabricated from .024 inch thick aluminum, spaced at [8] [6] [4] inches on center to create a [40] [50] [60] percent shading with 2 x 2 inch lattice tubes.

#### 2.2 MATERIALS

- A. Embossed Aluminum Meeting requirements of ASTM B209, alloy 3105-H28 or 3004-H34.
- B. Anchorage Devices, Clips and Fasteners: Manufacturer's standard type, compatible with materials being secured, of size and spacing sufficient to resist indicated loads. Above roof deck, utilize fasteners with neoprene washers.
- C. Sealants: Single component silicone, in color to match sheets and extrusions.
- D. Accessories: Flashings, brackets, and other items as necessary for complete system.

#### 2.3 FINISHES

- A. High-Performance Organic Coating Finish:
  1. Fluoropolymer (Kynar) 2-Coat Coating System: manufacturer's standard 2-coat, thermocured system composed of specially formulated inhibitive primer and fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight; complying with AAMA 605.2.
  2. Color: As selected from manufacturer's standard available colors.



In new developments or areas where trees are sparse, you'll always have plenty of shade with Ultra-Lattice.

### Corporate Headquarters Ordering & Inquiries

Four Seasons Building Products Group  
5005 Veterans Memorial Highway  
Holbrook, NY 11741  
Phone: 844-254-8346  
Email: [info@fourseasonsbp.com](mailto:info@fourseasonsbp.com)  
[www.fourseasonsbp.com](http://www.fourseasonsbp.com)



# Ultra-Lattice® SHADE COVERS



TRANSFORM A SUNNY SPOT INTO A WELCOMING RETREAT WITH ULTRA-LATTICE.

Crafted of heavy-duty aluminum, Ultra-Lattice offers the look of perfectly cut, premium grade wood - but unlike wood, it requires little or no maintenance, and will not rot, burn, splinter, harbor insects or require re-painting. Components are coated with a durable Kynar 500 finish to preserve the product's beauty for years to come. This makes Ultra-Lattice ideal for hotel and community poolsides, outdoor restaurant seating, hospital courtyards, pavilions and building entries.



# Ultra-Lattice: STATELY, ELEGANT, DURABLE

Artful lattice shade covers provide allure, function and ambiance.



Sun-sensitive patients at San Antonio State Hospital can enjoy the outdoors thanks to this Ultra-Lattice shade cover.

## Manufacturer

What makes Four Seasons Building Products extra special is that our products have passed rigorous independent testing and are approved by major accreditation agencies. The quality of our products has been dominating the industry for nearly 50 years. With multiple service centers throughout North America, Four Seasons Building Products has created a network that provides the best support for our customers around the country.

FSBP Manufacturing plants maintain a full staff to provide engineering assistance for any new construction or renovation of older buildings. We can also supply you with certified engineering information to cover the entire range of our products.

Our product assortment includes the following aluminum and steel products:

### Roofing

Stone-Coated Steel

### Shade Structure

Aluminum Lattice, Insulated Solid Covers

### Canopies

Walkway, Service Station, C-Store Drive-In, Car Wash Carports.  
Overhead-Supported Dock and Door

## Ultra-Lattice Features & Benefits

	Ultra Lattice	Wood
Maintenance Free	Yes	No
Termite/Insect Resistant	Yes	No
Warp and Crack Resistant	Yes	No
Strong Yet Lightweight	Yes	No
Requires Zero Painting	Yes	No
Rain, Sun, Weather Resistant	Yes	No
Quality Construction	Yes	Yes
Visual Appeal	Yes	Yes
Deep Driftwood Texture	Yes	Yes
Customizable	Yes	Yes

Western Fire Center, Inc. assigned Ultra-Lattice a Class A Spread of Flame UBC 15-2 Roof Fire Testing rating.

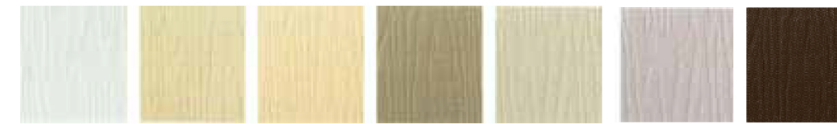
### Kynar 500 Finish

Ultra-Lattice's Kynar 500 finish sets it apart. The carbon/flouride bond that is the basis of Kynar is one of the strongest chemical bonds known to man. This ultra-tough, stain-resistant finish helps Ultra-Lattice withstand the rigors of time and nature like no other Pergola product. The color is warranted on fading and will retain its vibrancy and beauty for years to come.

## Ultra-Lattice: STATELY, ELEGANT, DURABLE

### Designer Colors

With a palette of six designer colors and four distinctive end cuts, it's easy to create a shade cover that compliments any structure.



White Ivory Beige Adobe Desert Sand Wheat Brown

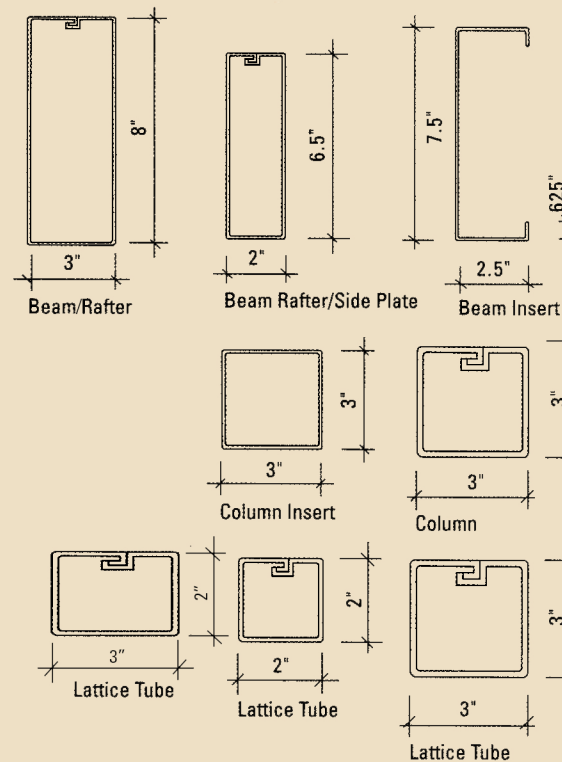
### Beam & Rafter End Cuts



Scallop Bevel Miter Corbel

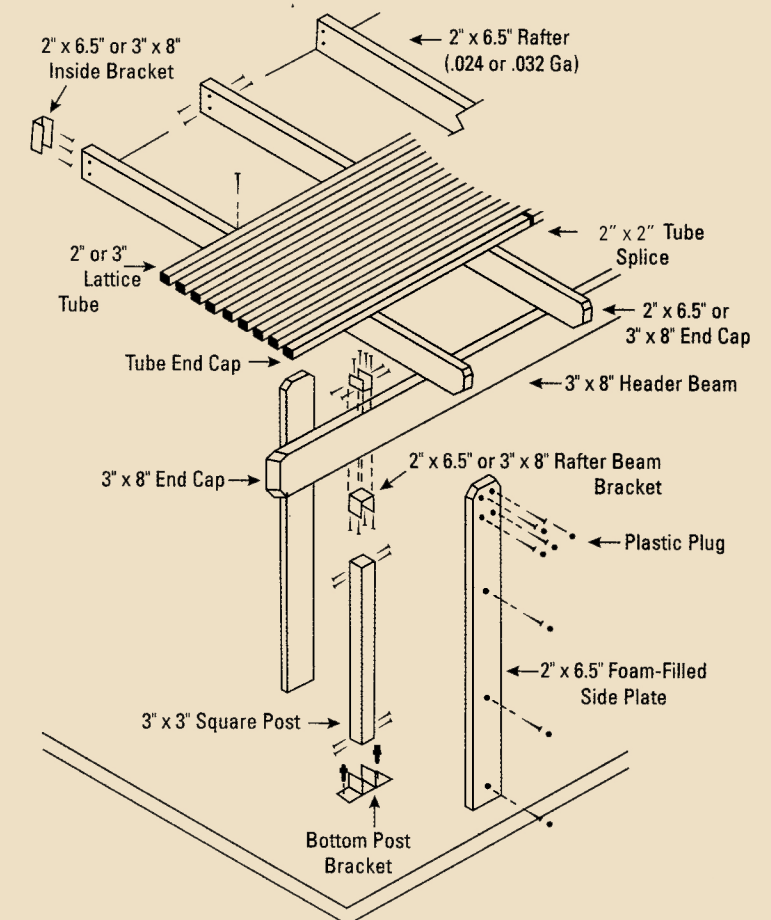


## Ultra Lattice Components



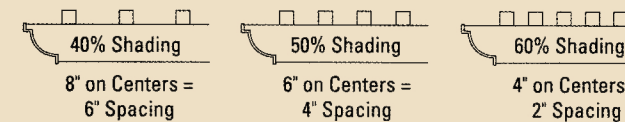
## Installation

Step-by-step installation instructions provided with each order. Shop drawings for custom projects available upon request.



## Select the Degree of Shade

By simply adjusting lattice tube spacing, a shade factor of 40-60% can be achieved.\*\*



\*\*Example assumes 2" x 2" lattice tubes.