



Plastic Lattice Paneling Guide Specification

This section is based on the products of Barrette Outdoor Living, Egg Harbor City, NJ 08215; (877) 265-2220; www.barretteoutdoorliving.com.

Barrette Outdoor Living LATTICE is perfect for adding unique detailing while providing the necessary privacy you want. Strong and durable, lattice can't be attacked by termites or other wood eating pests and installs quickly and easily. Low-maintenance, lattice needs no sanding, staining, or painting to maintain its classic look. With a variety of styles and accessories to match, lattice can be the customizable solution you're looking for.

As the leading North American supplier of exterior home products, Barrette Outdoor Living produces vinyl, aluminum, steel and composite fencing and railing; composite decking; and other outdoor products sold through specialty retailers, home centers and lumberyards.

SECTION 066413 - PLASTIC LATTICE PANELING

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Plastic lattice panels.

1.2 REFERENCES

Specifier: If retaining this optional Article, edit list below to correspond to those references retained in edited specification section.

- A. References, General: Versions of the following standards current as of the date of issue of the project or required by applicable code apply to the Work of this Section.
- B. ASTM International (ASTM):
 - 1. ASTM D638 - Test Method for Tensile Properties of Plastics.
 - 2. ASTM D648 - Test Method for Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's technical literature for each product specified.
 - 1. Include substrate preparation instructions and recommendations.
 - 2. Include storage and handling requirements and recommendations.
 - 3. Include manufacturer's installation instructions.

Specifier: Retain both "Samples for Initial Selection" and "Samples for Verification" paragraphs below for two-stage Samples.

- B. Samples for Initial Selection: For each product, sets of color chips representing manufacturer's full range of available colors.
- C. Samples for Verification: For each color, in manufacturer's standard size.

1.4 QUALITY ASSURANCE

- A. Qualification Data:
 - 1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this Section with minimum five years documented experience.
 - 2. Installer Qualifications: Manufacturer, or experienced Installer with a record of successful installations of similar type and size to that specified.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Transport, handle, store and protect panels so they are in undamaged condition when installed.
- B. Store in manufacturer's unopened packaging.
- C. Store off the ground in a dry, protected, covered and secure area.

1.6 WARRANTY

- A. Special Warranty: On manufacturer's standard form in which manufacturer agrees to replace components which fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Lifetime.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Basis of Design: [Lattice](#) by Barrette Outdoor Living; Middleburg Hts., Ohio 44130; (877) 265-2220; www.barretteoutdoorliving.com.

Specifier: Retain one of the following two paragraphs.

- 1. Substitutions: Not permitted.
- 2. Substitutions: Submit request for substitution according to [Instructions to Bidders and] Division 01 General Requirements.

2.2 PLASTIC LATTICE PANELS

- A. Use manufacturer's standard components.
- B. Panels:

Specifier: To see panels below visit [Barrette Outdoor Living Lattice](#) website. If retaining more than one type indicate locations on Drawings or in Schedule.

1. Classic Diamond Lattice.
 - a. Nominal Size: [**48 by 96 inches**] [**24 by 48 inches**].

Specifier: 24-by-48-inch Classic Diamond Lattice panels are available in white only.

- b. Color: [**White**] [**Clay**] [**Better Than Treated**] [**Redwood**] [**Brazilian Walnut**] [**Black**] [**Woodland Green**] [**Sierra Cedar**] [**Nantucket Gray**] [**Espresso**].
2. Privacy Diamond Lattice.
 - a. Nominal Size: 48 by 96 inches.
 - b. Color: [**White**] [**Clay**] [**Better Than Treated**] [**Redwood**] [**Brazilian Walnut**] [**Black**] [**Woodland Green**] [**Sierra Cedar**] [**Nantucket Gray**] [**Espresso**].
3. Privacy Square Lattice.
 - a. Nominal Size: 48 by 96 inches.
 - b. Color: White.

Specifier: Delete "Moldings" Paragraph below if moldings are not required.

- C. Moldings: Manufacturer's standard cap and divider molding in matching color and finish.

2.3 MATERIALS

- A. Polyvinyl Chloride Panels: Rigid PVC homopolymer compound modified for cold weather impact retention with high levels of Titanium Dioxide pigment for long-term ultraviolet light resistance.
 1. Tensile Modulus: ASTM D638, 425,000 psi.
 2. Heat Deflection Temperature: ASTM D648, 67° c.
 3. Tensile Strength: ASTM D638, 6,203 psi.
 4. Thermal Expansion: 3x10⁻⁵in/in °F.
- B. Fasteners: Manufacturer's standard 1-1/2 inch stainless steel screws with color-matched heads.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Examine panel substrate with Installer present. Inspect for erection tolerances and other conditions that would adversely affect installation of panels.
- B. Proceed with panel installation once out-of-tolerance work and other deficient conditions are corrected.

3.2 PANEL INSTALLATION

- A. General: Install panels in accordance with manufacturer's written instructions.

- B. Panel Installation: Predrill oversize holes for fasteners. Hang panels with fasteners at least 24 inches on center along top. Do not overtighten fasteners. Leave at least 1/4-inch gap between panels to allow for expansion and contraction.

Specifier: Delete "Molding Installation" Paragraph below if moldings are not required.

- C. Molding Installation: Fasten through both molding and panel along top. Fasten through molding only along sides and bottom.

3.3 CLEANING AND PROTECTION

- A. Clean finished surfaces according to manufacturer's written instructions and as required by product warranty.
- B. Replace damaged or discolored panels that cannot be restored by field repair.

END OF SECTION