



SECTION 06455

SIMULATED WOOD TRIM

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Simulated Wood Trim Architectural Components:
  - 1. Gable Brackets
  - 2. Large Brackets
  - 3. Running Trim
  - 4. Porch Brackets
  - 5. Sawn Balusters
  - 6. Porch Spandrel
- B. Accessories

1.2 RELATED SECTIONS

- A. Section 06110 - Wood Framing.
- B. Section 06200 - Finish Carpentry: Woodwork.
- C. Section 06300 - Exterior Finish Carpentry.
- D. Section 06400 - Interior Finish Carpentry.
- E. Section 06450 - Standing and Running Trim.
- F. Section 07910 - Joint Sealants.
- G. Section 09250 - Gypsum Board.
- H. Section 09900 - Paints and Coatings.

### 1.3 REFERENCES

- A. ASTM D 792 – Density and Specific Gravity of Plastics by Displacement.
- B. ASTM D 570 – Water Absorption of Plastics.
- C. ASTM D 638 – Tensile Properties of Plastics.
- D. ASTM D 790 – Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- E. ASTM D 1761 – Mechanical Fasteners in Wood.
- F. ASTM D 5420 – Standard Test Method for Impact Resistance of Flat, Rigid Plastic Specimen by means of a Striker Impacted by a Falling Weight.
- G. ASTM D 256 – Determining the Pendulum Impact Resistance of Plastics.
- H. ASTM D 696 – Coefficient of Linear Thermal Expansion of Plastics Between minus 30 degrees C and plus 30 degrees C with a Vitreous Silica Dilatometer.
- I. ASTM D 635 – Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- J. ASTM E 84 – Surface Burning Characteristics of Building Materials.
- K. ASTM D 648 – Deflection Temperature of Plastics Under Flexural Load in the Edgewise Position.
- L. ASTM D 3679 – Standard Specification for Rigid Poly Vinyl Chloride (PVC) Siding.

### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. LEED Submittals: Provide documentation of how the requirements of Credit will be met:
  - 1. List of proposed materials with recycled content. Indicate post-consumer recycled content and pre-consumer recycled content for each product having recycled content.
  - 2. Product data and certification letter indicating percentages by weight of post-consumer and pre-consumer recycled content for products having recycled content.
  - 3. List of proposed materials demonstrating that each material was extracted, harvested or recovered, as well as manufactured within 500 miles of the project site.
- D. Verification Samples: For each product specified, two samples, minimum size 6 inches (150 mm) long, representing actual product, color, and finish.
- E. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

## 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Manufacturer with a minimum of 5 years producing PVC trim products.
- B. Installer Qualifications: Installer with a minimum of 3 years experience with the installation of PVC trim products.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
  - 1. Finish areas designated by Architect.
  - 2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
  - 3. Refinish mock-up area as required to produce acceptable work.
  - 4. Accepted mock-ups shall be comparison standard for remaining Work

## 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Trim materials should be stored on a flat and level surface on a full shipping pallet. Handle materials to prevent damage to product edges and corners.
- C. Store materials under a protective covering to prevent jobsite dirt and residue from collecting on the boards.

## 1.7 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

## 1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

## 1.9 WARRANTY

- A. Provide manufacturer's 30 year transferable warranty against defects in manufacturing that causes the products to rot, corrode, delaminate, or excessively swell from moisture.

## PART 2 PRODUCTS

### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Durabrac Architectural Components; 909 North Tarragona St., Pensacola, FL 32501. ASD. Phone: 850-433-4981. Fax: 850-433-7506. Web Site: [www.durabrac.com](http://www.durabrac.com). Email: \_\_\_\_\_.
- B. Substitutions: Not permitted.

- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

## 2.2 MATERIALS

- A. PVC: Free Foam Cellular PVC material with a small-cell microstructure and density of .55 grams/cm<sup>3</sup>.
1. Performance and physical characteristic requirements:
    - a. Physical:
      - 1) Density: 0.55 g/cm<sup>3</sup> when tested in accordance with ASTM D 792.
      - 2) Water Absorption: Less than 0.50 percent when tested in accordance with ASTM D 570
    - b. Mechanical:
      - 1) Tensile Strength: 3582 psi when tested in accordance with ASTM D 638.
      - 2) Tensile Modulus: 107,000 psi when tested in accordance with ASTM D 638.
      - 3) Flexural Strength: 5179 psi when tested in accordance with ASTM D 790.
      - 4) Flexural Modulus: 215,600 psi when tested in accordance with ASTM D 790.
      - 5) Modulus of Elasticity: 209,500 psi when tested in accordance with ASTM D 638.
      - 6) Elongation: 10.2 percent when tested in accordance with ASTM D 638.
      - 7) Nail Hold: 398 lbf/in of penetration when tested in accordance with ASTM D 1761.
      - 8) Screw Hold: 450 lbf/in of penetration when tested in accordance with ASTM D 1761.
      - 9) Staple Hold: 69 lbf/in of penetration when tested in accordance with ASTM D 1761.
      - 10) Gardner Impact: 98 In-lbs when tested in accordance with ASTM D 5420.
      - 11) Notched Izod Impact: 0.270 Ft-lbs/inch when tested in accordance with ASTM D 256.
    - c. Thermal:
      - 1) Coefficient of Linear Expansion:  $3.25 \times 10^{-5}$  in/in/degrees F when tested in accordance with ASTM D 696.
      - 2) Burning Rate: Failed to Ignite when tested in accordance with ASTM D 635.
      - 3) Flame Spread Index: 25 when tested in accordance with ASTM E 84.
      - 4) Heat Deflection Temp (264 psi): 146 degrees F when tested in accordance with ASTM D 648.
      - 5) Heat Deflection Temp (66 psi): 153 degrees F when tested in accordance with ASTM D 648.
      - 6) Oil Canning (@ 140 degrees F: Passed when tested in accordance with ASTM D 648.
  2. Manufacturing Tolerances:
    - a. Variation in component length: Minus 0.00 / plus 1.00.
    - b. Variation in component width: plus or minus 1/16 inch.
    - c. Variation in component thickness: plus or minus 1/16 inch.
    - d. Variation in component edge cut: plus or minus 2 degrees.
    - e. Variation in Density plus or minus 0.02 grams per cubic centimeter.
  3. Workmanship, Finish, and Appearance:

- a. Free Foam Cellular PVC that is homogeneous and free of voids, holes, cracks, foreign inclusions and other defects. Edges must be square and top and bottom surfaces shall be flat with no convex or concave deviation.
- b. Uniform surface free from cupping, warping, and twisting.

## 2.3 SIMULATED WOOD TRIM

### A. Gable Brackets: PVC/Vinyl Gable Brackets

#### 1. Sol Nuevo Royale

- a. Roof Pitch: 4/12
  - 1) Size: 78 inches wide by 13 inches high by 3/4 inch thick.
  - 2) Size: 78 inches wide by 13 inches high by 1 inch thick.
  - 3) Size: 47 inches wide by 8 inches high by 3/4 inch thick.
  - 4) Size: 62 inches wide by 10 inches high by 3/4 inch thick.
- b. Roof Pitch: 5/12
  - 1) Size: 75 inches wide by 15 inches high by 3/4 inch thick.
  - 2) Size: 75 inches wide by 15 inches high by 1 inch thick.
  - 3) Size: 47 inches wide by 9 inches high by 3/4 inch thick.
  - 4) Size: 60 inches wide by 12 inches high by 3/4 inch thick.
- c. Roof Pitch: 6/12
  - 1) Size: 70 inches wide by 17 inches high by 3/4 inch thick.
  - 2) Size: 70 inches wide by 17 inches high by 1 inch thick.
  - 3) Size: 45 inches wide by 11 inches high by 3/4 inch thick.
  - 4) Size: 58 inches wide by 14 inches high by 3/4 inch thick.
- d. Roof Pitch: 7/12
  - 1) Size: 68 inches wide by 18 inches high by 3/4 inch thick.
  - 2) Size: 68 inches wide by 18 inches high by 1 inch thick.
  - 3) Size: 44 inches wide by 12 inches high by 3/4 inch thick.
  - 4) Size: 56 inches wide by 15 inches high by 3/4 inch thick.
- e. Roof Pitch: 8/12
  - 1) Size: 65 inches wide by 20 inches high by 3/4 inch thick.
  - 2) Size: 65 inches wide by 20 inches high by 1 inch thick.
  - 3) Size: 43 inches wide by 14 inches high by 3/4 inch thick.
  - 4) Size: 54 inches wide by 17 inches high by 3/4 inch thick.
- f. Roof Pitch: 9/12
  - 1) Size: 64 inches wide by 22 inches high by 3/4 inch thick.
  - 2) Size: 64 inches wide by 22 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 15 inches high by 3/4 inch thick.
  - 4) Size: 52 inches wide by 18 inches high by 3/4 inch thick.
- g. Roof Pitch: 10/12
  - 1) Size: 62 inches wide by 24 inches high by 3/4 inch thick.
  - 2) Size: 62 inches wide by 24 inches high by 1 inch thick.
  - 3) Size: 38 inches wide by 16 inches high by 3/4 inch thick.
  - 4) Size: 50 inches wide by 19 inches high by 3/4 inch thick.
- h. Roof Pitch: 11/12
  - 1) Size: 60 inches wide by 26 inches high by 3/4 inch thick.
  - 2) Size: 60 inches wide by 26 inches high by 1 inch thick.
  - 3) Size: 36 inches wide by 16 inches high by 3/4 inch thick.
  - 4) Size: 47 inches wide by 20 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 57 inches wide by 27 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 27 inches high by 1 inch thick.
  - 3) Size: 36 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 46 inches wide by 22 inches high by 3/4 inch thick.

2. Bona Bella
  - a. Roof Pitch: 4/12
    - 1) Size: 70 inches wide by 16 inches high by 3/4 inch thick.
    - 2) Size: 70 inches wide by 16 inches high by 1 inch thick.
    - 3) Size: 45 inches wide by 11 inches high by 3/4 inch thick.
    - 4) Size: 58 inches wide by 14 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 68 inches wide by 18 inches high by 3/4 inch thick.
    - 2) Size: 68 inches wide by 18 inches high by 1 inch thick.
    - 3) Size: 44 inches wide by 12 inches high by 3/4 inch thick.
    - 4) Size: 56 inches wide by 15 inches high by 3/4 inch thick.
  - c. Roof Pitch: 6/12
    - 1) Size: 67 inches wide by 20 inches high by 3/4 inch thick.
    - 2) Size: 67 inches wide by 20 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 13 inches high by 3/4 inch thick.
    - 4) Size: 55 inches wide by 16 inches high by 3/4 inch thick.
  - d. Roof Pitch: 7/12
    - 1) Size: 66 inches wide by 22 inches high by 3/4 inch thick.
    - 2) Size: 66 inches wide by 22 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 14 inches high by 3/4 inch thick.
    - 4) Size: 54 inches wide by 18 inches high by 3/4 inch thick.
  - e. Roof Pitch: 8/12
    - 1) Size: 65 inches wide by 23 inches high by 3/4 inch thick.
    - 2) Size: 65 inches wide by 23 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 15 inches high by 3/4 inch thick.
    - 4) Size: 54 inches wide by 19 inches high by 3/4 inch thick.
  - f. Roof Pitch: 9/12
    - 1) Size: 64 inches wide by 26 inches high by 3/4 inch thick.
    - 2) Size: 64 inches wide by 26 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 17 inches high by 3/4 inch thick.
    - 4) Size: 52 inches wide by 22 inches high by 3/4 inch thick.
  - g. Roof Pitch: 10/12
    - 1) Size: 63 inches wide by 28 inches high by 1 inch thick.
    - 2) Size: 41 inches wide by 18 inches high by 3/4 inch thick.
    - 3) Size: 52 inches wide by 23 inches high by 3/4 inch thick.
    - 4) Size: 62 inches wide by 41 inches high by 3/4 inch thick.
  - h. Roof Pitch: 11/12
    - 1) Size: 62 inches wide by 31 inches high by 3/4 inch thick.
    - 2) Size: 62 inches wide by 31 inches high by 1 inch thick.
    - 3) Size: 40 inches wide by 20 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 25 inches high by 3/4 inch thick.
  - i. Roof Pitch: 12/12
    - 1) Size: 60 inches wide by 32 inches high by 3/4 inch thick.
    - 2) Size: 60 inches wide by 32 inches high by 1 inch thick.
    - 3) Size: 39 inches wide by 21 inches high by 3/4 inch thick.
    - 4) Size: 49 inches wide by 25 inches high by 3/4 inch thick.
3. Fleur de la Rua
  - a. Roof Pitch: 4/12
    - 1) Size: 63 inches wide by 23 inches high by 3/4 inch thick.
    - 2) Size: 63 inches wide by 23 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 15 inches high by 3/4 inch thick.
    - 4) Size: 53 inches wide by 19 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 61 inches wide by 24 inches high by 3/4 inch thick.
    - 2) Size: 61 inches wide by 24 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 16 inches high by 3/4 inch thick.

- 4) Size: 51 inches wide by 20 inches high by 3/4 inch thick.
- c. Roof Pitch: 6/12
  - 1) Size: 60 inches wide by 24 inches high by 3/4 inch thick.
  - 2) Size: 60 inches wide by 24 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 51 inches wide by 21 inches high by 3/4 inch thick.
- d. Roof Pitch: 7/12
  - 1) Size: 58 inches wide by 25 inches high by 3/4 inch thick.
  - 2) Size: 58 inches wide by 25 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 18 inches high by 3/4 inch thick.
  - 4) Size: 50 inches wide by 22 inches high by 3/4 inch thick.
- e. Roof Pitch: 8/12
  - 1) Size: 57 inches wide by 27 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 27 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 20 inches high by 3/4 inch thick.
  - 4) Size: 49 inches wide by 24 inches high by 3/4 inch thick.
- f. Roof Pitch: 9/12
  - 1) Size: 57 inches wide by 29 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 29 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 21 inches high by 3/4 inch thick.
  - 4) Size: 49 inches wide by 25 inches high by 3/4 inch thick.
- g. Roof Pitch: 10/12
  - 1) Size: 57 inches wide by 30 inches high by 1 inch thick.
  - 2) Size: 57 inches wide by 30 inches high by 3/4 inch thick.
  - 3) Size: 52 inches wide by 22 inches high by 3/4 inch thick.
  - 4) Size: 62 inches wide by 26 inches high by 3/4 inch thick.
- h. Roof Pitch: 11/12
  - 1) Size: 56 inches wide by 31 inches high by 3/4 inch thick.
  - 2) Size: 56 inches wide by 31 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 24 inches high by 3/4 inch thick.
  - 4) Size: 49 inches wide by 27 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 55 inches wide by 32 inches high by 3/4 inch thick.
  - 2) Size: 55 inches wide by 32 inches high by 1 inch thick.
  - 3) Size: 41 inches wide by 24 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 28 inches high by 3/4 inch thick.
- 4. LaRua Royale
  - a. Roof Pitch: 4/12
    - 1) Size: 63 inches wide by 21 inches high by 3/4 inch thick.
    - 2) Size: 63 inches wide by 21 inches high by 1 inch thick.
    - 3) Size: 44 inches wide by 15 inches high by 3/4 inch thick.
    - 4) Size: 53 inches wide by 18 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 61 inches wide by 22 inches high by 3/4 inch thick.
    - 2) Size: 61 inches wide by 22 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 16 inches high by 3/4 inch thick.
    - 4) Size: 52 inches wide by 19 inches high by 3/4 inch thick.
  - c. Roof Pitch: 6/12
    - 1) Size: 60 inches wide by 24 inches high by 3/4 inch thick.
    - 2) Size: 60 inches wide by 24 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 17 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 21 inches high by 3/4 inch thick.
  - d. Roof Pitch: 7/12
    - 1) Size: 58 inches wide by 25 inches high by 3/4 inch thick.
    - 2) Size: 58 inches wide by 25 inches high by 1 inch thick.
    - 3) Size: 41 inches wide by 18 inches high by 3/4 inch thick.

- 4) Size: 49 inches wide by 22 inches high by 3/4 inch thick.
- e. Roof Pitch: 8/12
  - 1) Size: 57 inches wide by 27 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 27 inches high by 1 inch thick.
  - 3) Size: 40 inches wide by 19 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 23 inches high by 3/4 inch thick.
- f. Roof Pitch: 9/12
  - 1) Size: 55 inches wide by 28 inches high by 3/4 inch thick.
  - 2) Size: 55 inches wide by 28 inches high by 1 inch thick.
  - 3) Size: 39 inches wide by 20 inches high by 3/4 inch thick.
  - 4) Size: 47 inches wide by 24 inches high by 3/4 inch thick.
- g. Roof Pitch: 10/12
  - 1) Size: 54 inches wide by 29 inches high by 1 inch thick.
  - 2) Size: 54 inches wide by 29 inches high by 3/4 inch thick.
  - 3) Size: 38 inches wide by 21 inches high by 3/4 inch thick.
  - 4) Size: 46 inches wide by 24 inches high by 3/4 inch thick.
- h. Roof Pitch: 11/12
  - 1) Size: 53 inches wide by 31 inches high by 3/4 inch thick.
  - 2) Size: 53 inches wide by 31 inches high by 1 inch thick.
  - 3) Size: 37 inches wide by 22 inches high by 3/4 inch thick.
  - 4) Size: 45 inches wide by 27 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 52 inches wide by 33 inches high by 3/4 inch thick.
  - 2) Size: 52 inches wide by 33 inches high by 1 inch thick.
  - 3) Size: 36 inches wide by 24 inches high by 3/4 inch thick.
  - 4) Size: 44 inches wide by 28 inches high by 3/4 inch thick.
- 5. LaSalle Royale
  - a. Roof Pitch: 4/12
    - 1) Size: 67 inches wide by 15 inches high by 3/4 inch thick.
    - 2) Size: 67 inches wide by 15 inches high by 1 inch thick.
    - 3) Size: 46 inches wide by 10 inches high by 3/4 inch thick.
    - 4) Size: 57 inches wide by 13 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 67 inches wide by 15 inches high by 3/4 inch thick.
    - 2) Size: 67 inches wide by 15 inches high by 1 inch thick.
    - 3) Size: 46 inches wide by 10 inches high by 3/4 inch thick.
    - 4) Size: 57 inches wide by 13 inches high by 3/4 inch thick.
  - c. Roof Pitch: 6/12
    - 1) Size: 64 inches wide by 19 inches high by 3/4 inch thick.
    - 2) Size: 64 inches wide by 19 inches high by 1 inch thick.
    - 3) Size: 44 inches wide by 13 inches high by 3/4 inch thick.
    - 4) Size: 53 inches wide by 16 inches high by 3/4 inch thick.
  - d. Roof Pitch: 7/12
    - 1) Size: 61 inches wide by 20 inches high by 3/4 inch thick.
    - 2) Size: 61 inches wide by 20 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 14 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 17 inches high by 3/4 inch thick.
  - e. Roof Pitch: 8/12
    - 1) Size: 60 inches wide by 22 inches high by 3/4 inch thick.
    - 2) Size: 60 inches wide by 22 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 16 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 19 inches high by 3/4 inch thick.
  - f. Roof Pitch: 9/12
    - 1) Size: 59 inches wide by 24 inches high by 3/4 inch thick.
    - 2) Size: 59 inches wide by 24 inches high by 1 inch thick.
    - 3) Size: 41 inches wide by 17 inches high by 3/4 inch thick.



- 4) Size: 50 inches wide by 21 inches high by 3/4 inch thick.
- g. Roof Pitch: 10/12
  - 1) Size: 58 inches wide by 26 inches high by 1 inch thick.
  - 2) Size: 58 inches wide by 26 inches high by 3/4 inch thick.
  - 3) Size: 38 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 21 inches high by 3/4 inch thick.
- h. Roof Pitch: 11/12
  - 1) Size: 58 inches wide by 28 inches high by 3/4 inch thick.
  - 2) Size: 58 inches wide by 28 inches high by 1 inch thick.
  - 3) Size: 36 inches wide by 18 inches high by 3/4 inch thick.
  - 4) Size: 47 inches wide by 23 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 57 inches wide by 30 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 30 inches high by 1 inch thick.
  - 3) Size: 33 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 45 inches wide by 24 inches high by 3/4 inch thick.
- 6. Luarel
  - a. Roof Pitch: 4/12
    - 1) Size: 67 inches wide by 17 inches high by 3/4 inch thick.
    - 2) Size: 67 inches wide by 17 inches high by 1 inch thick.
    - 3) Size: 51 inches wide by 13 inches high by 3/4 inch thick.
    - 4) Size: 59 inches wide by 15 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 65 inches wide by 18 inches high by 3/4 inch thick.
    - 2) Size: 65 inches wide by 18 inches high by 1 inch thick.
    - 3) Size: 49 inches wide by 15 inches high by 3/4 inch thick.
    - 4) Size: 57 inches wide by 16 inches high by 3/4 inch thick.
  - c. Roof Pitch: 6/12
    - 1) Size: 64 inches wide by 20 inches high by 3/4 inch thick.
    - 2) Size: 64 inches wide by 20 inches high by 1 inch thick.
    - 3) Size: 49 inches wide by 16 inches high by 3/4 inch thick.
    - 4) Size: 56 inches wide by 18 inches high by 3/4 inch thick.
  - d. Roof Pitch: 7/12
    - 1) Size: 55 inches wide by 20 inches high by 3/4 inch thick.
    - 2) Size: 55 inches wide by 20 inches high by 1 inch thick.
    - 3) Size: 62 inches wide by 22 inches high by 3/4 inch thick.
    - 4) Size: 48 inches wide by 17 inches high by 3/4 inch thick.
  - e. Roof Pitch: 8/12
    - 1) Size: 60 inches wide by 24 inches high by 3/4 inch thick.
    - 2) Size: 60 inches wide by 24 inches high by 1 inch thick.
    - 3) Size: 47 inches wide by 19 inches high by 3/4 inch thick.
    - 4) Size: 53 inches wide by 21 inches high by 3/4 inch thick.
  - f. Roof Pitch: 9/12
    - 1) Size: 59 inches wide by 26 inches high by 3/4 inch thick.
    - 2) Size: 59 inches wide by 26 inches high by 1 inch thick.
    - 3) Size: 46 inches wide by 20 inches high by 3/4 inch thick.
    - 4) Size: 52 inches wide by 23 inches high by 3/4 inch thick.
  - g. Roof Pitch: 10/12
    - 1) Size: 58 inches wide by 28 inches high by 1 inch thick.
    - 2) Size: 58 inches wide by 28 inches high by 3/4 inch thick.
    - 3) Size: 45 inches wide by 21 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 25 inches high by 3/4 inch thick.
  - h. Roof Pitch: 11/12
    - 1) Size: 56 inches wide by 29 inches high by 3/4 inch thick.
    - 2) Size: 56 inches wide by 29 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 22 inches high by 3/4 inch thick.

- 4) Size: 50 inches wide by 26 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 54 inches wide by 30 inches high by 3/4 inch thick.
  - 2) Size: 54 inches wide by 30 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 24 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 27 inches high by 3/4 inch thick.
- 7. San Marcos Royale
  - a. Roof Pitch: 4/12
    - 1) Size: 70 inches wide by 15 inches high by 3/4 inch thick.
    - 2) Size: 70 inches wide by 15 inches high by 1 inch thick.
    - 3) Size: 46 inches wide by 10 inches high by 3/4 inch thick.
    - 4) Size: 58 inches wide by 12 inches high by 3/4 inch thick.
  - b. Roof Pitch: 5/12
    - 1) Size: 69 inches wide by 16 inches high by 3/4 inch thick.
    - 2) Size: 69 inches wide by 16 inches high by 1 inch thick.
    - 3) Size: 45 inches wide by 11 inches high by 3/4 inch thick.
    - 4) Size: 57 inches wide by 14 inches high by 3/4 inch thick.
  - c. Roof Pitch: 6/12
    - 1) Size: 67 inches wide by 18 inches high by 3/4 inch thick.
    - 2) Size: 67 inches wide by 18 inches high by 1 inch thick.
    - 3) Size: 44 inches wide by 12 inches high by 3/4 inch thick.
    - 4) Size: 56 inches wide by 15 inches high by 3/4 inch thick.
  - d. Roof Pitch: 7/12
    - 1) Size: 65 inches wide by 20 inches high by 3/4 inch thick.
    - 2) Size: 65 inches wide by 20 inches high by 1 inch thick.
    - 3) Size: 43 inches wide by 13 inches high by 3/4 inch thick.
    - 4) Size: 54 inches wide by 17 inches high by 3/4 inch thick.
  - e. Roof Pitch: 8/12
    - 1) Size: 64 inches wide by 22 inches high by 3/4 inch thick.
    - 2) Size: 64 inches wide by 22 inches high by 1 inch thick.
    - 3) Size: 42 inches wide by 15 inches high by 3/4 inch thick.
    - 4) Size: 53 inches wide by 19 inches high by 3/4 inch thick.
  - f. Roof Pitch: 9/12
    - 1) Size: 62 inches wide by 24 inches high by 3/4 inch thick.
    - 2) Size: 62 inches wide by 24 inches high by 1 inch thick.
    - 3) Size: 41 inches wide by 16 inches high by 3/4 inch thick.
    - 4) Size: 51 inches wide by 20 inches high by 3/4 inch thick.
  - g. Roof Pitch: 10/12
    - 1) Size: 61 inches wide by 26 inches high by 1 inch thick.
    - 2) Size: 61 inches wide by 26 inches high by 3/4 inch thick.
    - 3) Size: 40 inches wide by 17 inches high by 3/4 inch thick.
    - 4) Size: 50 inches wide by 22 inches high by 3/4 inch thick.
  - h. Roof Pitch: 11/12
    - 1) Size: 59 inches wide by 28 inches high by 3/4 inch thick.
    - 2) Size: 59 inches wide by 28 inches high by 1 inch thick.
    - 3) Size: 39 inches wide by 19 inches high by 3/4 inch thick.
    - 4) Size: 49 inches wide by 23 inches high by 3/4 inch thick.
  - i. Roof Pitch: 12/12
    - 1) Size: 58 inches wide by 30 inches high by 3/4 inch thick.
    - 2) Size: 58 inches wide by 30 inches high by 1 inch thick.
    - 3) Size: 39 inches wide by 20 inches high by 3/4 inch thick.
    - 4) Size: 48 inches wide by 25 inches high by 3/4 inch thick.
- 8. Savannah Royale
  - a. Roof Pitch: 4/12
    - 1) Size: 62 inches wide by 16 inches high by 3/4 inch thick.
    - 2) Size: 62 inches wide by 16 inches high by 1 inch thick.

- 3) Size: 44 inches wide by 12 inches high by 3/4 inch thick.
- 4) Size: 53 inches wide by 14 inches high by 3/4 inch thick.
- b. Roof Pitch: 5/12
  - 1) Size: 62 inches wide by 18 inches high by 3/4 inch thick.
  - 2) Size: 62 inches wide by 18 inches high by 1 inch thick.
  - 3) Size: 43 inches wide by 12 inches high by 3/4 inch thick.
  - 4) Size: 55 inches wide by 15 inches high by 3/4 inch thick.
- c. Roof Pitch: 6/12
  - 1) Size: 62 inches wide by 19 inches high by 3/4 inch thick.
  - 2) Size: 62 inches wide by 19 inches high by 1 inch thick.
  - 3) Size: 42 inches wide by 13 inches high by 3/4 inch thick.
  - 4) Size: 52 inches wide by 16 inches high by 3/4 inch thick.
- d. Roof Pitch: 7/12
  - 1) Size: 61 inches wide by 21 inches high by 3/4 inch thick.
  - 2) Size: 61 inches wide by 21 inches high by 1 inch thick.
  - 3) Size: 41 inches wide by 14 inches high by 3/4 inch thick.
  - 4) Size: 50 inches wide by 17 inches high by 3/4 inch thick.
- e. Roof Pitch: 8/12
  - 1) Size: 60 inches wide by 23 inches high by 3/4 inch thick.
  - 2) Size: 60 inches wide by 23 inches high by 1 inch thick.
  - 3) Size: 40 inches wide by 16 inches high by 3/4 inch thick.
  - 4) Size: 50 inches wide by 19 inches high by 3/4 inch thick.
- f. Roof Pitch: 9/12
  - 1) Size: 59 inches wide by 24 inches high by 3/4 inch thick.
  - 2) Size: 59 inches wide by 24 inches high by 1 inch thick.
  - 3) Size: 40 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 49 inches wide by 20 inches high by 3/4 inch thick.
- g. Roof Pitch: 10/12
  - 1) Size: 58 inches wide by 26 inches high by 1 inch thick.
  - 2) Size: 58 inches wide by 26 inches high by 3/4 inch thick.
  - 3) Size: 39 inches wide by 17 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 21 inches high by 3/4 inch thick.
- h. Roof Pitch: 11/12
  - 1) Size: 57 inches wide by 28 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 28 inches high by 1 inch thick.
  - 3) Size: 39 inches wide by 19 inches high by 3/4 inch thick.
  - 4) Size: 48 inches wide by 23 inches high by 3/4 inch thick.
- i. Roof Pitch: 12/12
  - 1) Size: 57 inches wide by 30 inches high by 3/4 inch thick.
  - 2) Size: 57 inches wide by 30 inches high by 1 inch thick.
  - 3) Size: 38 inches wide by 20 inches high by 3/4 inch thick.
  - 4) Size: 47 inches wide by 25 inches high by 3/4 inch thick.

B. Large Brackets: PVC/Vinyl Large Brackets Builder Components Collection. Most are hollow construction.

- 1. 0311 Economy Bracket:
  - a. Size: 11-1/2 inches by 11-1/2 inches by 3/4 inch.
  - b. Size: 11-1/2 inches by 11-1/2 inches by 1 inch.
  - c. Size: 15-1/2 inches by 15-1/2 inches by 3/4 inch.
  - d. Size: 15-1/2 inches by 15-1/2 inches by 1 inch.
- 2. 0312 Knee Bracket 18 inch 24 inch
  - a. Size: 18 inches by 18 inches by 3/4 inch.
  - b. Size: 24 inches by 24 inches by 3/4 inch.
- 3. 0325 Knee Bracket 25 inch
  - a. Size: 25-1/4 inches by 25-1/4 inches by 3-1/2 inches.

4. 0411 Arch Bracket 35 inch
  - a. Size: 35 inches by 35 inches by 4-1/2 inches.
5. 0412 Arch Bracket 32 inch
  - a. Size: 32 inches by 32 inches by 4-1/2 inches.
6. 0413 Arch Bracket 32 inch
  - a. Size: 32 inches by 32 inches by 4-1/2 inches.
7. 0414 Arch Bracket 28 inch by 24 inch
  - a. Size: 28 inches by 24 inches by 4 inches.
8. 0505 Post & Beam
  - a. Size: 42 inches by 23 inches by 11 inches.
9. 0506 Post & Beam
  - a. Size: 22 inches by 22 inches by 3-1/2 inches.
10. 0507 Post & Beam
  - a. Size: 16 inches by 16 inches by 3-1/2 inches.
11. 0508 Post & Beam 30 inch by 60 inch
  - a. Size: 30 inches by 60 inches by 7-3/4 inches.
12. 0508 Post & Beam 60 inch by 30 inch
  - a. Size: 60 inches by 30 inches by 7-3/4 inches.
13. 0510 Post & Beam 22 inch
  - a. Size: 22 inches by 22 inches by 3-1/2 inches.
14. 0511 Post & Beam 35 inch
  - a. Size: 35-1/2 inches by 35-1/2 inches by 5-1/2 inches.
15. 0512 Post & Beam Two sizes
  - a. Size: 15 inches by 13 inches by 3-1/2 inches.
  - b. Size: 24 inches by 20 inches by 3-1/2 inches.
16. 0513 Post & Beam Two Sizes
  - a. Size: 18 inches by 16 inches by 5 inches.
  - b. Size: 33 inches by 29 inches by 5 inches.
17. 0514 Brace 23 inch 28 inch
  - a. Size: 23-1/2 inches by 23-1/2 inches by 5 inches.
  - b. Size: 28 inches by 28 inches by 5 inches.
18. 0515 Brace 20 inch 24 inch
  - a. Size: 20 inches by 20 inches by 4 inches.
  - b. Size: 24 inches by 24 inches by 5-1/2 inches.
19. 0518 Post and Beam 64 inch
  - a. Size: 64 inches by 61 inches by 7 inches.
20. 0520 post and beam 32 inch
  - a. Size: 32 inches by 32 inches by 3-1/2 inches.
21. 0521 Post and Beam 30 inch
  - a. Size: 30 inches by 30 inches by 3-1/2 inches.
22. 0525 Arch bracket 30 inch by 28 inch
  - a. Size: 30 inches by 28 inches by 3-1/2 inches.
23. 0530 Arch Bracket 32 inch
  - a. Size: 31-1/2 inches by 31-1/2 inches by 3-1/2 inches.
24. 0550 Post and Beam
  - a. Size: 20 inches by 20 inches by 4 inches.
25. 0550 Post and Beam with frame
  - a. Size: 24 inches by 24 inches by 6 inches.
26. 0621 Orleans Ave 32 inch 36 inch 46 inch
  - a. Size: 32 inches by 16 inches by 3-1/4 inches.
  - b. Size: 36 inches by 19 inches by 3-1/2 inches.
  - c. Size: 46 inches by 24 inches by 4 inches.
27. 0811 Corbel 3 sizes
  - a. Size: 13 inches by 8 inches by 4 inches.
  - b. Size: 13 inches by 8 inches by 6 inches.

- c. Size: 16 inches by 9 inches by 4 inches.
  - d. Size: 16 inches by 9 inches by 6 inches.
  - e. Size: 19 inches by 9 inches by 4 inches.
  - f. Size: 19 inches by 9 inches by 6 inches.
28. 0814 Corbel
- a. Size: 6 inches by 9 inches by 4 inches.
29. 0815 Soffit Corbel
- a. Size: 12 inches by 5-1/2 inches by 4 inches.
  - b. Size: 12 inches by 5-1/2 inches by 6 inches.
  - c. Size: 15 inches by 5-1/2 inches by 4 inches.
  - d. Size: 15 inches by 5-1/2 inches by 6 inches.
  - e. Size: 17 inches by 5-1/2 inches by 4 inches.
  - f. Size: 17 inches by 5-1/2 inches by 6 inches.
  - g. Size: 23 inches by 5-1/2 inches by 4 inches.
  - h. Size: 23 inches by 5-1/2 inches by 6 inches.
30. 0816 Corbels
- a. Size: 8 inches by 6 inches by 3-1/2 inches.
  - b. Size: 8 inches by 8 inches by 3-1/2 inches.
  - c. Size: 10 inches by 9-1/2 inches by 4 inches.
  - d. Size: 12 inches by 11 inches by 4 inches.
  - e. Size: 12 inches by 11 inches by 6 inches.
  - f. Size: 15 inches by 13 inches by 4 inches.
  - g. Size: 15 inches by 13 inches by 6 inches.
31. 0817 Corbel 8 inch 6 inch
- a. Size: 6 inches by 8 inches by 3-1/2 inches.
  - b. Size: 8 inches by 6 inches by 3-1/2 inches.
32. 0818 Corbel 8 inch 6 inch
- a. Size: 6 inches by 8 inches by 3-1/2 inches.
  - b. Size: 8 inches by 6 inches by 3-1/2 inches.

C. Running Trim: Optional attaching rail available for hanging installations.

- 1. Caribbean Lace
  - a. Size: 5 inches by 92 inches by 1/2 inch.
  - b. Size: 6-1/4 inches by 92 inches by 1/2 inch.
  - c. Size: 7-5/8 inches by 92 inches by 1/2 inch.
  - d. Size: 9 inches by 92 inches by 3/4 inch.
- 2. Coronada
  - a. Size: 3-3/4 inches by 92 inches by 1/2 inch.
  - b. Size: 5 inches by 92 inches by 1/2 inch.
  - c. Size: 6-1/2 inches by 92 inches by 1/2 inch.
  - d. Size: 8-1/4 inches by 92 inches by 3/4 inch.
- 3. Dixie Belle
  - a. Size: 6 inches by 92 inches by 1/2 inch.
  - b. Size: 7 inches by 92 inches by 1/2 inch.
  - c. Size: 8 inches by 92 inches by 3/4 inch.
  - d. Size: 9-1/4 inches by 92 inches by 3/4 inch.
- 4. La Cruz
  - a. Size: 2-3/4 inches by 92 inches by 1/2 inch.
  - b. Size: 4 inches by 92 inches by 1/2 inch.
  - c. Size: 6 inches by 92 inches by 1/2 inch.
  - d. Size: 8 inches by 92 inches by 3/4 inch.
- 5. La Luna
  - a. Size: 6 inches by 92 inches by 1/2 inch.
  - b. Size: 7 inches by 92 inches by 1/2 inch.
  - c. Size: 8 inches by 92 inches by 3/4 inch.

- d. Size: 9-1/2 inches by 92 inches by 3/4 inch.
- 6. Senora
  - a. Size: 3-5/8 inches by 92 inches by 3/4 inch.
  - b. Size: 4-3/4 inches by 92 inches by 3/4 inch.
  - c. Size: 5-5/8 inches by 92 inches by 3/4 inch.
  - d. Size: 7-1/2 inches by 92 inches by 3/4 inch.
- 7. Valencia
  - a. Size: 3-1/2 inches by 92 inches by 3/4 inch.
  - b. Size: 4-5/8 inches by 92 inches by 3/4 inch.
  - c. Size: 6-1/4 inches by 92 inches by 3/4 inch.
  - d. Size: 8 inches by 92 inches by 3/4 inch.

D. Porch Brackets: PVC/Vinyl Porch Brackets

- 1. Alcaniz
  - a. Size: 11-1/4 inches by 11-1/4 inches by 3/4 inch
  - b. Size: 13-1/2 inches by 13-1/2 inches by 3/4 inch thick
  - c. Size: 13-1/2 inches by 13-1/2 inches by 1 inch thick
  - d. Size: 16-1/2 inches by 16-1/2 inches by 3/4 inch thick
  - e. Size: 16-1/2 inches by 16-1/2 inches by 1 inch thick
  - f. Size: 21-1/2 inches by 21-1/2 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
- 2. Aleha
  - a. Size: 12-3/4 by 12-3/4 inches by 3/4 inch
  - b. Size: 15-3/8 by 15-3/8 inches by 3/4 inch thick
  - c. Size: 15-3/8 by 15-3/8 inches by 1 inch thick
  - d. Size: 18-3/4 by 18-3/4 inches by 1 inch thick
  - e. Size: 23-1/2 by 23-1/2 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
- 3. Avenida
  - a. Size: 10-1/2 by 19-1/2 inches by 3/4 inch thick
  - b. Size: 10-1/2 by 19-1/2 inches by 1 inch thick
  - c. Size: 12-1/2 by 23-1/2 inches by 3/4 inch thick
  - d. Size: 12-1/2 by 23-1/2 inches by 1 inch thick
  - e. Size: 15-1/4 by 28-1/2 inches by 3/4 inch thick
  - f. Size: 15-1/4 by 28-1/2 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
- 4. Barcelona
  - a. Size: 12-1/2 by 12-1/2 inches by 3/4 inch thick
  - b. Size: 12-1/2 by 12-1/2 inches by 1 inch thick
  - c. Size: 15 by 15 inches by 3/4 inch thick
  - d. Size: 15 by 15 inches by 1 inch thick
  - e. Size: 18 by 18 inches by 1 inch thick
  - f. Size: 22 by 22 inches by 1 inch thick,
  - g. Optional frame
  - h. Optional vinyl siding pad
- 5. Bella
  - a. Size: 11-1/2 by 11-1/2 inches by 3/4 inch thick
  - b. Size: 14 by 14 inches by 3/4 inch thick
  - c. Size: 14 by 14 inches by 1 inch thick
  - d. Size: 16-1/2 by 16-1/2 inches by 3/4 inch thick
  - e. Size: 16-1/2 by 16-1/2 inches by 1 inch thick
  - f. Size: 19 by 19 inches by 1 inch thick

- g. Optional frame
  - h. Optional vinyl siding pad
6. Bienville
- a. Size: 11-1/2 by 24 inches by 3/4 inch thick
  - b. Size: 11-1/2 by 24 inches by 1 inch thick
  - c. Size: 14-1/2 by 29-1/2 inches by 3/4 inch thick
  - d. Size: 14-1/2 by 29-1/2 inches by 1 inch thick
  - e. Optional frame
  - f. Optional vinyl siding pad
7. Bon Terra
- a. Size: 12-1/2 by 12-1/2 inches by 3/4 inch thick
  - b. Size: 14-1/2 by 14-1/2 inches by 3/4 inch thick
  - c. Size: 18-1/2 by 18-1/2 inches by 3/4 inch thick
  - d. Size: 23-1/2 by 23-1/2 inches by 1 inch thick
  - e. Optional frame
  - f. Optional vinyl siding pad
8. Bonita
- a. Size: 10-1/2 by 10-1/2 inches by 3/4 inch thick
  - b. Size: 10-1/2 by 10-1/2 inches by 1 inch thick
  - c. Size: 13-3/4 by 13-3/4 inches by 3/4 inch thick
  - d. Size: 13-3/4 by 13-3/4 inches by 1 inch thick
  - e. Size: 18-1/4 by 18-1/4 inches by 1 inch thick
  - f. Size: 23 by 23 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
9. Capri
- a. Size: 12-3/4 by 12-3/4 inches by 3/4 inch thick
  - b. Size: 18-1/2 by 18-1/2 inches by 1 inch thick
  - c. Size: 23-3/8 by 23-3/8 inches by 1 inch thick
  - d. Optional frame
  - e. Optional vinyl siding pad
10. Carabelle
- a. Size: 13-1/4 by 13-1/4 inches by 3/4 inch
  - b. Size: 16-1/2 by 16-1/2 inches by 3/4 inch thick
  - c. Size: 16-1/2 by 16-1/2 inches by 3/4 inch thick
  - d. Size: 19-5/8 by 19-5/8 inches by 1 inch thick
  - e. Size: 23-1/2 by 23-1/2 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
11. Carvantes
- a. Size: 10-1/4 by 10-1/4 inches by 3/4 inch
  - b. Size: 12 by 12 inches by 3/4 inch thick
  - c. Size: 12 by 12 inches by 1 inch thick
  - d. Size: 15 by 15 inches by 3/4 inch thick
  - e. Size: 15 by 15 inches by 1 inch thick
  - f. Size: 22 by 22 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
12. Cortez
- a. Size: 11-5/8 by 11-5/8 inches by 3/4 inch
  - b. Size: 13-3/4 by 13-3/4 inches by 3/4 inch thick
  - c. Size: 13-3/4 by 13-3/4 inches by 1 inch thick
  - d. Size: 16 by 16 inches by 3/4 inch thick
  - e. Size: 16 by 16 inches by 3/4 inch thick
  - f. Size: 18 by 18 inches by 1 inch thick
  - g. Optional frame

- h. Optional vinyl siding pad
- 13. Deleon
  - a. Size: 11 by 12-1/2 inches by 3/4 inch thick
  - b. Size: 13-3/4 by 15-1/2 inches by 3/4 inch thick
  - c. Size: 13-3/4 by 15-1/2 inches by 1 inch thick
  - d. Size: 17 by 19-1/8 inches by 1 inch thick
  - e. Size: 21-1/2 by 24-1/4 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
- 14. Desoto
  - a. Size: 11 by 12-1/2 inches by 3/4 inch and 1 inch thick
  - b. Size: 15 by 15 inches by 3/4 inch and 1 inch thick
  - c. Size: 18 by 18 inches by 1 inch thick
  - d. Size: 22-1/4 by 22-1/4 inches by 1 inch thick
  - e. Optional frame
  - f. Optional vinyl siding pad
- 15. Devilliers
  - a. Size: 11-1/2 by 11-1/2 inches by 3/4 inch thick
  - b. Size: 13-3/8 by 13-3/8 inches by 3/4 inch thick
  - c. Size: 15-1/2 by 15-1/2 inches by 3/4 inch thick
  - d. Size: 15-1/2 by 15-1/2 inches by 3/4 inch thick
  - e. Size: 21 by 21 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
- 16. Dominico
  - a. Size: 13-1/2 by 9-3/8 inches by 3/4 inch and 1 inch thick
  - b. Size: 16-3/4 by 11-3/4 inches by 1 inch thick
  - c. Size: 19-1/2 by 13-5/8 inches by 1 inch thick
  - d. Size: 23 by 16 inches by 1 inch thick
  - e. Optional frame
  - f. Optional vinyl siding pad
- 17. Ferdinand
  - a. Size: 10-1/4 by 10-1/4 inches by 3/4 inch thick
  - b. Size: 10-1/4 by 10-1/4 inches by 1 inch thick
  - c. Size: 12-3/4 by 12-3/4 inches by 3/4 inch thick
  - d. Size: 12-3/4 by 12-3/4 inches by 1 inch thick
  - e. Size: 16 by 16 inches by 3/4 inch thick
  - f. Size: 16 by 16 inches by 1 inch thick
  - g. Size: 21 by 21 inches by 1 inch thick
  - h. Optional frame
  - i. Optional vinyl siding pad
- 18. Florida Blanca
  - a. Size: 12 by 12 inches by 3/4 inch thick
  - b. Size: 12 by 12 inches by 3/4 inch thick
  - c. Size: 14-3/4 by 14-3/4 inches by 3/4 inch thick
  - d. Size: 14-3/4 by 14-3/4 inches by 1 inch thick
  - e. Size: 17-3/4 by 17-3/4 inches by 1 inch thick
  - f. Size: 21-5/8 by 21-5/8 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
- 19. Jordan
  - a. Size: 10 by 10 inches by 3/4 inch thick
  - b. Size: 12-3/8 by 12-3/8 inches by 3/4 inch thick
  - c. Size: 12-3/8 by 12-3/8 inches by 1 inch thick
  - d. Size: 14-7/8 by 14-7/8 inches by 3/4 inch thick
  - e. Size: 14-7/8 by 14-7/8 inches by 1 inch thick



- f. Size: 17-1/2 by 17-1/2 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
20. Lagoon
- a. Size: 11-5/8 by 11-5/8 inches by 3/4 inch thick
  - b. Size: 14 by 14 inches by 3/4 inch thick
  - c. Size: 14 by 14 inches by 3/4 inch thick
  - d. Size: 18 by 18 inches by 1 inch thick
  - e. Size: 22-1/2 by 22-1/2 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
21. LaRua
- a. Size: 11-1/2 by 11-1/2 inches by 3/4 inch thick
  - b. Size: 11-1/2 by 11-1/2 inches by 1 inch thick
  - c. Size: 15-3/8 by 15-3/8 inches by 3/4 inch thick
  - d. Size: 15-3/8 by 15-3/8 inches by 1 inch thick
  - e. Size: 19-3/4 by 19-3/4 inches by 1 inch thick
  - f. Size: 23-1/4 by 23-1/4 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
22. Las Brisas
- a. Size: 11-5/8 by 11-5/8 inches by 3/4 inch thick
  - b. Size: 11-5/8 by 11-5/8 inches by 1 inch thick
  - c. Size: 15 by 15 inches by 1 inch thick
  - d. Size: 19 by 19 inches by 1 inch thick
  - e. Size: 23-1/8 by 23-1/8 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
23. LaSalle
- a. Size: 11-1/2 by 11-1/2 inches by 3/4 inch thick
  - b. Size: 13-5/8 by 13-5/8 inches by 3/4 inch thick
  - c. Size: 13-5/8 by 13-5/8 inches by 1 inch thick
  - d. Size: 17 by 17 inches by 3/4 inch thick
  - e. Size: 17 by 17 inches by 1 inch thick
  - f. Size: 19-1/4 by 19-1/4 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
24. LaValley
- a. Size: 10-1/2 by 10-1/2 inches by 3/4 inch thick
  - b. Size: 13-5/8 by 13-5/8 inches by 3/4 inch thick
  - c. Size: 13-5/8 by 13-5/8 inches by 1 inch thick
  - d. Size: 17-3/8 by 17-3/8 inches by 3/4 inch thick
  - e. Size: 17-3/8 by 17-3/8 inches by 1 inch thick
  - f. Size: 23-1/2 by 23-1/2 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
25. Mandalay
- a. Size: 11-3/4 by 6-1/8 inches by 3/4 inch thick
  - b. Size: 11-3/4 by 6-1/8 inches by 1 inch thick
  - c. Size: 14-3/4 by 7-1/2 inches by 3/4 inch thick
  - d. Size: 14-3/4 by 7-1/2 inches by 1 inch thick
  - e. Size: 19-3/4 by 10-1/4 inches by 1 inch thick
  - f. Size: 29-1/4 by 15-1/2 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
26. Moreno

- a. Size: 12 by 9-1/8 inches by 3/4 inch and 1 inch thick
  - b. Size: 13-7/8 by 10-1/2 inches by 3/4 inch thick
  - c. Size: 13-7/8 by 10-1/2 inches by 1 inch thick
  - d. Size: 18 by 13-1/4 inches by 1 inch thick
  - e. Size: 22-1/2 by 17-1/2 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
27. Osceola
- a. Size: 10-1/8 by 7-1/2 inches by 3/4 inch thick
  - b. Size: 12-3/8 by 9-1/8 inches by 3/4 inch thick
  - c. Size: 12-3/8 by 9-1/8 inches by 1 inch thick
  - d. Size: 15-5/8 by 11-1/2 inches by 3/4 inch thick
  - e. Size: 15-5/8 by 11-1/2 inches by 1 inch thick
  - f. Size: 18-3/2 by 13-1/8 inches by 3/4 inch thick
  - g. Size: 18-3/2 by 13-1/8 inches by 1 inch thick
  - h. Optional frame
  - i. Optional vinyl siding pad
28. Palmera
- a. Size: 14-5/8 by 9 inches by 3/4 inch thick
  - b. Size: 14-5/8 by 9 inches by 1 inch thick
  - c. Size: 17-5/8 by 10-5/8 inches by 1 inch thick
  - d. Size: 19-1/2 by 11-3/4 inches by 1 inch thick
  - e. Size: 23-1/4 by 14 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
29. Reus
- a. Size: 10-5/8 by 10-5/8 inches by 3/4 inch thick
  - b. Size: 14-1/2 by 14-1/2 inches by 3/4 inch thick
  - c. Size: 14-1/2 by 14-1/2 inches by 1 inch thick
  - d. Size: 18 by 18 inches by 1 inch thick
  - e. Size: 21-3/8 by 21-3/8 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
30. Romano
- a. Size: 11-3/4 by 11-3/4 inches by 3/4 inch thick
  - b. Size: 11-3/4 by 11-3/4 inches by 1 inch thick
  - c. Size: 14 by 14 inches by 3/4 inch thick
  - d. Size: 14 by 14 inches by 1 inch thick
  - e. Size: 16-3/4 by 16-3/4 inches by 1 inch thick
  - f. Size: 19-3/8 by 19-3/8 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
31. Salamanca
- a. Size: 10-1/4 by 10-1/4 inches by 3/4 inch thick
  - b. Size: 13-1/2 by 13-1/2 inches by 3/4 inch thick
  - c. Size: 13-1/2 by 13-1/2 inches by 1 inch thick
  - d. Size: 17-1/4 by 17-1/4 inches by 1 inch thick
  - e. Size: 20-1/2 by 20-1/2 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
32. San Marcos
- a. Size: 10-3/4 by 10-1/4 inches by 3/4 inch thick
  - b. Size: 13-1/2 by 13-1/2 inches by 3/4 inch thick
  - c. Size: 16-1/4 by 16-1/4 inches by 3/4 inch thick
  - d. Size: 16-1/4 by 16-1/4 inches by 1 inch thick
  - e. Size: 22-1/4 by 22-1/4 inches by 1 inch thick

- f. Optional frame
- g. Optional vinyl siding pad
- 33. Savannah
  - a. Size: 12-1/4 by 14-1/4 inches by 3/4 inch thick
  - b. Size: 14-1/2 by 14-1/2 inches by 3/4 inch thick
  - c. Size: 16-1/2 by 16-1/2 inches by 1 inch thick
  - d. Size: 18-3/4 by 18-3/4 inches by 1 inch thick
  - e. Size: 21 by 21 inches by 1 inch thick
  - f. Optional frame
  - g. Optional vinyl siding pad
- 34. Sea Spray
  - a. Size: 11-1/4 by 11-1/4 inches by 3/4 inch thick
  - b. Size: 13-1/4 by 13-1/4 inches by 3/4 inch thick
  - c. Size: 13-1/4 by 13-1/4 inches by 1 inch thick
  - d. Size: 15-3/4 by 15-3/4 inches by 3/4 inch thick
  - e. Size: 15-3/4 by 15-3/4 inches by 1 inch thick
  - f. Size: 18-3/4 by 18-3/4 inches by 1 inch thick
  - g. Optional frame
  - h. Optional vinyl siding pad
- 35. Saville
  - a. Size: 10-3/4 by 10-3/4 inches by 3/4 inch thick
  - b. Size: 13-1/4 by 13-1/4 inches by 3/4 inch thick
  - c. Size: 18 by 18 inches by 1 inch thick
  - d. Size: 22-1/4 by 22-1/4 inches by 1 inch thick
  - e. Optional frame
  - f. Optional vinyl siding pad
- 36. Sol Nuevo
  - a. Size: 12 by 12 inches by 3/4 inch thick
  - b. Size: 12 by 12 inches by 1 inch thick
  - c. Size: 15-1/4 by 15-1/4 inches by 3/4 inch thick
  - d. Size: 15-1/4 by 15-1/4 inches by 1 inch thick
  - e. Size: 18 by 18 inches by 3/4 inch thick
  - f. Size: 18 by 18 inches by 1 inch thick
  - g. Size: 21 by 21 inches by 3/4 inch thick
  - h. Size: 21 by 21 inches by 1 inch thick
  - i. Size: 23-1/2 by 23-1/2 inches by 1 inch thick
  - j. Optional frame
  - k. Optional vinyl siding pad
- 37. Sol Nuevo Extended
  - a. Size: 9 by 12 inches by 3/4 inch thick
  - b. Size: 9 by 12 inches by 1 inch thick
  - c. Size: 11 by 15-1/2 inches by 3/4 inch thick
  - d. Size: 11 by 15-1/2 inches by 1 inch thick
  - e. Size: 14 by 19 inches by 3/4 inch thick
  - f. Size: 14 by 19 inches by 1 inch thick
  - g. Size: 16-1/2 by 23 inches by 3/4 inch thick
  - h. Size: 16-1/2 by 23 inches by 1 inch thick
  - i. Size: 20 by 28-1/2 inches by 1 inch thick
  - j. Optional frame
  - k. Optional vinyl siding pad
- 38. Spinnaker
  - a. Size: 11-1/4 by 11-1/4 inches by 3/4 inch thick
  - b. Size: 11-1/4 by 11-1/4 inches by 1 inch thick
  - c. Size: 13 by 13 inches by 3/4 inch and 1 inch thick
  - d. Size: 16-1/2 by 16-1/2 inches by 1 inch thick
  - e. Size: 20-1/4 by 20-1/4 inches by 1 inch thick

- f. Optional frame
  - g. Optional vinyl siding pad
  - 39. Sunset
    - a. Size: 11-1/2 by 11-1/2 inches by 3/4 inch thick
    - b. Size: 14-1/4 by 14-1/4 inches by 3/4 inch thick
    - c. Size: 14-1/4 by 14-1/4 inches by 1 inch thick
    - d. Size: 16-3/4 by 16-3/4 inches by 3/4 inch thick
    - e. Size: 16-3/4 by 16-3/4 inches by 1 inch thick
    - f. Size: 19-3/4 by 19-3/4 inches by 1 inch thick
    - g. Optional frame
    - h. Optional vinyl siding pad
  - 40. Toulouse
    - a. Size: 12-1/4 by 12-1/4 inches by 3/4 inch thick
    - b. Size: 12-1/4 by 12-1/4 inches by 1 inch thick
    - c. Size: 14-1/2 by 14-1/2 inches by 3/4 inch thick
    - d. Size: 14-1/2 by 14-1/2 inches by 1 inch thick
    - e. Size: 17 by 17 inches by 1 inch thick
    - f. Size: 21 by 21 inches by 1 inch thick
    - g. Optional frame
    - h. Optional vinyl siding pad
  - 41. Tunis
    - a. Size: 11-1/8 by 9 inches by 3/4 inch thick
    - b. Size: 13-1/2 by 11 inches by 3/4 inch thick
    - c. Size: 13-1/2 by 11 inches by 1 inch thick
    - d. Size: 16-1/2 by 13-3/8 inches by 3/4 inch thick
    - e. Size: 16-1/2 by 13-3/8 inches by 1 inch thick
    - f. Size: 21-3/4 by 17-5/8 inches by 1 inch thick
    - g. Optional frame
    - h. Optional vinyl siding pad
  - 42. Vallano
    - a. Size: 12 by 12 inches by 3/4 inch thick
    - b. Size: 15 by 15 inches by 3/4 inch thick
    - c. Size: 18-3/4 by 18-3/4 inches by 1 inch thick
    - d. Size: 20-1/2 by 20-1/2 inches by 1 inch thick
    - e. Optional frame
    - f. Optional vinyl siding pad
  - 43. Zaragosa
    - a. Size: 10-3/4 by 10-3/4 inches by 3/4 inch thick
    - b. Size: 10-3/4 by 10-3/4 inches by 1 inch thick
    - c. Size: 12-3/4 by 12-3/4 inches by 3/4 inch thick
    - d. Size: 12-3/4 by 12-3/4 inches by 1 inch thick
    - e. Size: 16-1/4 by 16-1/4 inches by 3/4 inch thick
    - f. Size: 16-1/4 by 16-1/4 inches by 1 inch thick
    - g. Size: 21-3/4 by 21-3/4 inches by 1 inch thick
    - h. Optional frame
    - i. Optional vinyl siding pad
- E. Sawn Balusters
- 1. Arlington
    - a. Size: 23-1/2 by 4 inches by 1 inch thick.
    - b. Size: 27 by 4-1/2 inches by 1 inch thick.
    - c. Size: 31-1/2 by 5 inches by 1 inch thick.
  - 2. Balastrada Palmera
    - a. Size: 23-1/2 by 11-5/8 inches by 1 inch thick.
    - b. Size: 23-1/2 by 5-5/8 inches by 1 inch thick blank panel.

- c. Size: 27 by 11-5/8 inches by 1 inch thick.
  - d. Size: 27 by 5-5/8 inches by 1 inch thick blank panel.
  - e. Size: 31-1/2 by 11-5/8 inches by 1 inch thick.
  - f. Size: 31-1/2 by 5-5/8 inches by 1 inch thick blank panel.
3. Bamboo
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 5-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 5-5/8 inches by 1 inch thick.
  4. Cape Cod
    - a. Size: 23-1/2 by 6-1/2 inches by 1 inch thick.
    - b. Size: 27 by 6-1/2 inches by 1 inch thick.
    - c. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
  5. Cape May
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 5-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
  6. Charleston
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 6-1/2 inches by 1 inch thick.
    - c. Size: 31-1/2 by 7-5/8 inches by 1 inch thick.
  7. Craftsman
    - a. Size: 23-1/2 by 11-5/8 inches by 1 inch thick.
    - b. Size: 27 by 11-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 11-5/8 inches by 1 inch thick.
  8. Dewdrop
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 6-1/2 inches by 1 inch thick.
    - c. Size: 31-1/2 by 7-5/8 inches by 1 inch thick.
  9. Heartfelt
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 5-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 5-5/8 inches by 1 inch thick.
    - d. Size: End Board 23-1/2, two heart.
    - e. Size: End Board 23-1/2, three heart.
    - f. Size: End Board 27, two heart.
    - g. Size: End Board 27, three heart.
    - h. Size: End Board 31, two heart.
    - i. Size: End Board 31, three heart.
  10. Heartland
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 5-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 5-5/8 inches by 1 inch thick.
  11. Key West
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 6-1/2 inches by 1 inch thick.
    - c. Size: 31-1/2 by 7-5/8 inches by 1 inch thick.
  12. Lafayette
    - a. Size: 23-1/2 by 7-5/8 inches by 1 inch thick.
    - b. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
  13. Montauk
    - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
    - b. Size: 27 by 11-5/8 inches by 1 inch thick.
    - c. Size: 31-1/2 by 5-5/8 inches by 1 inch thick.
  14. Musica
    - a. Size: 23-1/2 by 9-1/4 inches by 1 inch thick.
    - b. Size: 31-1/2 by 11-5/8 inches by 1 inch thick.

15. Nantucket
  - a. Size: 23-1/2 by 6-1/2 inches by 1 inch thick.
  - b. Size: 23-1/2 by 7-5/8 inches by 1 inch thick.
  - c. Size: 27 by 6-1/2 inches by 1 inch thick.
  - d. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
16. Newport
  - a. Size: 23-1/2 by 6-1/2 inches by 1 inch thick.
  - b. Size: 27 by 6-1/2 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
17. Old Town
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-1/2 inches by 1 inch thick.
18. Pickett
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-5/8 inches by 1 inch thick.
19. Queen Anne
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-5/8 inches by 1 inch thick.
  - d. Size: 31-1/2 by 7-5/8 inches by 1 inch thick.
20. Queen Elizabeth
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-5/8 inches by 1 inch thick.
21. Queen Victoria
  - a. Size: 23-1/2 by 6-1/2 inches by 1 inch thick.
  - b. Size: 23-1/2 by 7-5/8 inches by 1 inch thick.
  - c. Size: 27 by 6-1/2 inches by 1 inch thick.
  - d. Size: 31-1/2 by 7-5/8 inches by 1 inch thick.
22. Rhinebeck
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 6-5/8 inches by 1 inch thick.
23. Spindle
  - a. Size: 23-1/2 by 5-5/8 inches by 1 inch thick.
  - b. Size: 27 by 5-5/8 inches by 1 inch thick.
  - c. Size: 31-1/2 by 5-5/8 inches by 1 inch thick.
  - d. Size: End Board 23-1/2, two hole.
  - e. Size: End Board 23-1/2, three hole.
  - f. Size: End Board 27, two hole.
  - g. Size: End Board 27, three hole.
  - h. Size: End Board 31-1/2, two hole.
  - i. Size: End Board 31-1/2, three hole.

F. Porch Spandrel: PVC/Vinyl Porch Spandrel

1. Chesapeake
  - a. Size: 12 inch bracket with 5-1/2 inch rail.
  - b. Size: 15-1/2 inch bracket with 7 inch rail.
  - c. Size: 18 inch bracket with 8-1/4 inch rail.
  - d. Size: 5-1/2 inch rail.
  - e. Size: 7 inch rail.
  - f. Size: 8-1/4 inch rail.
  - g. End Bracket Configuration

- 1) Two end brackets.
  - 2) One End bracket.
  - 3) No end bracket.
2. La Salle
- a. Size: 13-3/4 inch bracket with 7 inch rail.
  - b. Size: 15 inch bracket with 8-1/4 inch rail.
  - c. Size: 17-3/4 inch bracket with 9 inch rail.
  - d. Size: 7 inch rail.
  - e. Size: 8-1/4 inch rail.
  - f. Size: 9 inch rail.
  - g. End Bracket Configuration
    - 1) Two end brackets.
    - 2) One End bracket.
    - 3) No end bracket.

## 2.4 ACCESSORIES

### A. Fasteners:

1. Use 12 gauge stainless steel fasteners designed for wood trim and siding. Fastener should have sufficient flexural and tensile strength to resist bending.
2. Use fasteners with thin shanks, blunt points, and full round heads that are long enough to penetrate the substrate a minimum of 1-1/2 inches.
3. Do not use staples, small brads and wire nails. Avoid using fine threaded wood screws and ring-shank fasteners.
4. Use standard nail guns with a pressure setting between 70 psi and 100 psi. The recommended pressure depends on the type of gun, type of nail, ambient temperature, and the substrate. Care should be taken not to overdrive the nail into the material.
5. Pre-drilling is not typically required unless large fasteners are used or the product is installed during temperatures below 40 degrees F.
6. Use two fasteners for every framing member for trimboard applications. Sheet and trimboards 8 inches and wider require additional fasteners.
7. Install fasteners no more than 2 inches from the end of each board.
8. Avoid fastening simulated wood trim over hollow or uneven areas. Fasten onto flat, solid substrates.
9. 3/8 inch and 1/2 inch thick Sheet and Beadboard is not designed to be ripped and used for trim applications. These products must be glued and mechanically fastened to the substrate.

### B. Adhesives:

1. All bonded surfaces must be smooth, clean, and in complete contact with each other for best results.
2. Adhere simulated wood trim to itself with PVC cement or cellular PVC adhesives to prevent joint separation. Acceptable adhesives are Versatex Fill n' Fasten, IPS Weld-On 705 (white), and IPS Weld-On 4052 (clear), and Trim Tight.
3. PVC cements cure quickly (3-5 minutes or less), and have a limited working time.
4. Scarf cut joints are recommended where applicable.
5. Bonded joints should be secured with fasteners and fastened with two rows on each side of the joint.
6. When bonding simulated wood trim to other substrates, consult the adhesive manufacturer to determine suitability.

### C. Nail Hole Filler: Cortex plug system by Fasten Master.

- D. Sealants:
  - 1. Use urethane, polyurethane, polymer blends or acrylic based sealants that do not contain silicone as specified in Section 07910.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Cutting:
  - 1. Simulated wood trim can be cut using standard woodworking saws. Conventional carbide-tipped blades designed for cutting wood are preferred. Avoid using fine-tooth metal-cutting blades.
  - 2. Rough-cut edges are typically caused by excessive friction, poor board support, or worn or improper tooling.
- C. Drilling:
  - 1. Simulated wood trim can be drilled using standard woodworking drill bits. Do not use drill bits made for rigid PVC.
  - 2. Avoid frictional heat build-up.
  - 3. Remove shavings periodically from a drill hole as necessary.
- D. Milling and Moulding:
  - 1. Simulated wood trim can be milled or moulded using standard milling or moulding machines found in millwork shops.
  - 2. Rake angle 20 to 30 degrees. 25 degrees is recommended.
  - 3. Cutting speed to be optimized with the number of knives and feed rate.
- E. Routing:
  - 1. Simulated wood trim can be routed with virtually any piece of equipment used to rout wood.
  - 2. Carbide tipped router bits are recommended.
  - 3. Machinery that allows for multiple cutting speeds will allow you to optimize the process obtaining a smoother finished part.
- F. Edge Finishing:
  - 1. Traditional sanding, grinding or filing tools used for woodworking are preferred.
- G. Nail Location:



1. For trimboard applications use two fasteners per framing member.
2. Use additional fasteners are required for trimboard 8 inches and wider.
3. Install fasteners a maximum of 2 inches from the end of each board.

H. Expansion and Contraction:

1. Simulated wood trim expands and contracts with changes in temperature. Properly fastening along the entire length is required to minimize expansion and contraction.
2. Allow 3/16 inch space per 18-foot run of trim for expansion and contraction.
3. Bond joints between pieces of simulated wood trim to eliminate separation.
4. Allow expansion and contraction space at the ends of long runs.

I. Cleaning:

1. Clean simulated wood trim with mild detergent and water.
2. Products with pumice, such as Soft Scrub, may be applied with a nylon brush.
3. For more stubborn stains use a mild household cleaner and degreaser like Clorox Cleanup, Clorox Outdoors, Denatured Alcohol, Bleach, Mr. Clean Magic Eraser or Corte Clean with nylon brush.

J. Painting:

1. Be sure surface to be painted is clean, dry, and free of dirt, loose or peeling paint, mildew, chalk, grease and any other surface contaminants before paint application.
2. Finish nail holes with nail hole filler or a UV resistant acrylic caulk.
3. Paint as specified in Section 09900.
  - a. Use 100 percent acrylic latex or 100 percent acrylic latex with urethane additive paint with a light reflective value (LRV) equal to or greater than 55 units.
  - b. Follow the paint manufacturer's application recommendations.

### 3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

### 3.5 SCHEDULES

- A. :
  - 1.
  - 2.
  - 3.
- B. :
  - 1.
  - 2.
  - 3.

END OF SECTION