



Georgia-Pacific™

Vinyl Siding & Accessories

SECTION 07464

VINYL SIDING

Display hidden notes to specifier by using "Tools"/"Options"/"View"/"Hidden Text".

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Solid vinyl siding.
- B. Solid vinyl soffit.
- C. Vented vinyl soffit.
- D. Vinyl trim.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry: Framing and Sheathing.
- B. Section 07260 - Vapor Retarders.
- C. Section 07900 - Joint Sealers.

1.3 REFERENCES

- A. ASTM D 256 - Standard Test Method for Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.
- B. ASTM D 635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position.
- C. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- D. ASTM D 648 - Standard Test Method for Deflection Temperature of Plastics Under Flexural Load.

- E. ASTM D 696 - Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30 Degrees C. and 30 Degrees C.
- F. ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.
- G. ASTM D 2843 - Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics.
- H. ASTM D 3679 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding.
- I. ASTM D 4477 - Standard Specification for Rigid Unplasticized Poly(Vinyl Chloride) (PVC) Soffit.
- J. ASTM D 6864 - Standard Specification for Color and Appearance Retention of Solid Colored Plastic Siding Products.
- K. ASTM D7251 - Standard Specification for Color and Appearance Retention of Variegated Color Plastic Siding Products
- L. ASTM D 7856 - Standard Specification for Color and Appearance Retention of Solid and Variegated Color Plastic Siding Products using CIELab Color Space.
- M. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- N. ASTM E 119 - Standard Test Methods for Fire Tests of Building Construction and Materials; 2000.
- O. UBC STD 26-9 - Method of Test for the Evaluation of Flammability Characteristics of Exterior, Nonload-Bearing Wall Assemblies Containing Combustible Components Using the Intermediate-Scale, Multistory Test Apparatus; 1997.

1.4 DESIGN / PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Code compliance in accordance with the following:
 1. Metropolitan Dade County, Florida.
 2. ICC Evaluation Service.
 3. State of Florida.

1.5 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.
 4. Maintenance and care requirements.
- 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.
- D. NAHB National Green Building Standard Submittals: Provide documentation of how the Credit will be met:
 1. Green Approved Product certificate from the NAHB Research Center's website; <http://greenapprovedproducts.com>.
- E. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- F. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
- G. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Provide installer with not less than three years of experience with products specified.
- B. 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.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store on a flat surface under cover, stacked no more than 12 boxes high. Do not store in location where temperatures may exceed 130 degrees F.

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 standard limited lifetime warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Ply Gem Industries, Inc., 2600 Grand Blvd., Suite 900, Kansas City, MO 64108. ASD. Telephone Toll Free: (800) 962-6973 or (800) 788-1964. Fax: (866) 656-1900, Website: www.gpvinylsiding.com. Email: support@mastichomesinfo.com.

- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Siding and Soffit - General Requirements: Polyvinyl chloride products with the following characteristics:
 - 1. Siding: Comply with ASTM D 3679, Class 2.
 - 2. PVC cell classification in accordance with ASTM D 1784: 13334.
 - 3. Coefficient of linear expansion in accordance with ASTM D 696: 0.000029 inch per inch per degree F.
 - 4. Tensile strength when tested in accordance with ASTM D 638: Minimum 6,326 pounds per square inch.
 - 5. Modulus of elasticity when tested in accordance with ASTM D 638: Minimum 360,000 pounds per square inch, average.
 - 6. Izod impact, standard 1/8 inch bar when tested in accordance with ASTM D 256: 3.30 foot-pounds per inch, average.
 - 7. Shore D Hardness: Minimum 82.
 - 8. Specific Gravity: Minimum 1.39.
 - 9. Deflection temperature when tested in accordance with ASTM D 648: 170 degrees F, 264 pounds per square inch.
 - 10. Smoke density rating when tested in accordance with ASTM D 2843: 48 percent, average.
 - 11. Horizontal flammability, when tested in accordance with ASTM D 635:
 - a. Burn distance: 20 mm.
 - b. Burn time: Less than 5 seconds.
 - 12. Surface burning characteristics when tested in accordance with ASTM E 84: Flame spread less than 20, fuel contribution 0, smoke density 275.
 - 13. Fire Resistance - Siding: 1 hour, when tested in accordance with ASTM E 119, with siding applied over gypsum sheathing.
 - 14. Flammability - Siding: Comply with requirements of UBC Std 26-9.
 - 15. Caliber Double 6 inch, foamed backed siding with EPS foam backing has a Permeability Rating of 5.
- B. Fasteners: Aluminum nails, alloy 5056 or 6110, having minimum tensile strength 63,000 pounds per square inch.
- C. Vapor Retarder: Specified in Section 07260.
- D. Joint Sealers: Specified in Section 07900.

2.3 VINYL SIDING AND TRIM

- A. Caliber High Performance Insulated Vinyl Siding:
 - 1. Product Description: Double 6 Traditional, R Value 2.8, 12 inches exposure; nominal 0.044 inch material thickness (Vinyl), overall thickness 1-1/8 inches; 12 foot 6 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Low gloss.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of Premium colors.

- f. VSI Certified Insulated siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
 - 2. Window and Door Surround: 3-1/2 inch exposure, 12 foot 6 inch length.
 - a. Finish: Low gloss.
 - a. Color: As selected from manufacturer's full range of standard colors.
 - b. Color: As selected from manufacturer's full range of dark colors.
 - 3. Outside Corner Post: 12 foot length.
 - a. Finish: Low gloss.
 - a. Color: As selected from manufacturer's full range of standard colors.
 - b. Color: As selected from manufacturer's full range of dark colors.
 - c. Color: As selected from manufacturer's full range of Premium colors.
 - 4. Inside Corner Post: 12 foot length.
 - a. Finish: Low gloss.
 - b. Color: As selected from manufacturer's full range of standard colors.
 - c. Color: As selected from manufacturer's full range of dark colors.
 - d. Color: As selected from manufacturer's full range of Premium colors.
 - 5. J-Channel 1-1/4 inch: 12 foot 6 inch length.
 - a. Finish: Low gloss.
 - b. Color: As selected from manufacturer's full range of standard colors.
 - c. Color: As selected from manufacturer's full range of dark colors.
 - d. Color: As selected from manufacturer's full range of premium colors.
 - 6. Starter Strip: 12 foot 6 inch length.
 - 7. Extended Crown Backplate: 12 foot 6 inch length.
 - a. Color: White.
 - 8. Transition Mold, 3-1/2 inch: 12 foot 6 inch length.
 - a. Finish: Low gloss.
 - b. Color: As selected from manufacturer's full range of standard colors.
 - c. Color: As selected from manufacturer's full range of dark colors.
- B. Compass Vinyl Siding:
 - 1. Product Description: Double 4 inch Standard Lap, 8 inches exposure; nominal 0.044 inch material thickness (Vinyl); 12 foot 6 inch panel length.
 - a. Nailing Hem: Reverse full roll double thickness nail hem.
 - b. Finish: Low gloss.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of Premium colors.
 - f. Color: As selected from manufacturer's full range of Cedar colors.
 - g. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
 - 2. Product Description: Double 4.5 inch Standard Lap, 9 inches exposure; nominal 0.044 inch material thickness (Vinyl); 12 foot 1 inch panel length.
 - a. Nailing Hem Reverse full roll double thickness nail hem.
 - b. Finish: Low gloss.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of premium colors.
 - f. Color: As selected from manufacturer's full range of cedar colors.
 - g. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- C. Forest Ridge Vinyl Siding:
 - 1. Product Description: Double 4 inch Standard Lap, 8 inches exposure; nominal 0.044 inch material thickness (Vinyl); 12 foot 6 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.

- b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of Premium colors.
 - f. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
2. Product Description: Double 5 inch Standard Lap, 9 inches exposure; nominal 0.044 inch material thickness (Vinyl); 12 foot 1 inch panel length.
- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of premium colors.
 - f. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- D. Shadow Ridge Vinyl Siding:
1. Product Description: Double 4 inch Dutch Lap, nominal 0.042 inch material thickness (Vinyl); 12 foot 6 inch panel length.
- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of Premium colors.
 - f. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
2. Product Description: Double 5 inch Dutch Lap; nominal 0.042 inch material thickness (Vinyl); 12 foot panel length.
- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of premium colors.
 - f. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- E. Somerset Coastal Vinyl Siding:
1. Product Description: Double 6-1/2 inch beaded panel, nominal 0.044 inch material thickness (Vinyl); 12 foot panel length.
- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Smooth, brushed finish.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- F. Chatham Ridge Vinyl Siding:
1. Product Description: Triple 3 inch panel, nominal 0.040 inch material thickness (Vinyl); 12 foot 1 inch panel length.
- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Smooth finish.

- c. Color: As selected from manufacturer's full range of standard colors.
- d. Color: As selected from manufacturer's full range of dark colors.
- e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.

G. Castle Ridge Vinyl Siding:

- 1. Product Description: Single 8 inch panel, nominal 0.044 inch material thickness (Vinyl); 12 foot 1 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain finish.
 - c. Color: White.
 - d. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.

H. Vision Pro Vinyl Siding:

- 1. Product Description: Double 4 inch Standard Lap; nominal 0.040 inch material thickness (Vinyl); 12 foot 6 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- 2. Product Description: Double 5 inch Standard Lap; nominal 0.044 inch material thickness (Vinyl); 12 foot panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM 7 7793, ASTM D 6884 and ASTM D 7251.
- 3. Product Description: Double 4 inch Dutch Lap; nominal 0.040 inch material thickness (Vinyl); 12 foot 6 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- 4. Product Description: Double 5 inch Dutch Lap; nominal 0.044 inch material thickness (Vinyl); 12 foot panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.

I. Parkside Vinyl Siding:

- 1. Product Description: Double 4 inch Standard Lap; nominal 0.038 inch material thickness (Vinyl); 12 foot 6 inch panel length.

- a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- 2. Product Description: Double 4 inch Dutch Lap; nominal 0.038 inch material thickness (Vinyl); 12 foot 6 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM 7 7793, ASTM D 6884 and ASTM D 7251.
 - 3. Product Description: Double 5 inch Dutch Lap; nominal 0.038 inch material thickness (Vinyl); 12 foot panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
 - 4. Product Description: Double 4.5 inch Dutch Lap; nominal 0.038 inch material thickness (Vinyl); 12 foot 1 inch panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Wood Grain.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- J. Board & Batten Vinyl Siding:
- 1. Product Description: Single Vertical 7 inch board and batten panel, nominal 0.048 inch material thickness (Vinyl); 10 foot panel length.
 - a. Nailing Hem: Enhanced 1-3/8 inch wide nail hem with 1-1/4 inch elongated nail slots on 1-5/8 inch centers.
 - b. Finish: Smooth finish.
 - c. Color: As selected from manufacturer's full range of standard colors.
 - d. Color: As selected from manufacturer's full range of dark colors.
 - e. Color: As selected from manufacturer's full range of premium colors.
 - f. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.

2.4 VINYL SOFFIT AND TRIM

- A. Vinyl T/4 Soffit: Use with 1/2 inch installation accessories.
 - 1. Product Description: Triple 4 inch Solid Soffit with pebble finish, nominal 0.035 inch material thickness; nominal 12 feet piece length.
 - 2. Product Description: Triple 4 inch Full-Vent Soffit with pebble finish, nominal 0.035 inch material thickness; nominal 12 feet piece length. Basketweave Venting, with Net Free Air Space of 14.34 sq. inches / square foot.

3. Product Description: Triple 4 inch Center Vent Soffit with pebble finish, nominal 0.035 inch material thickness; nominal 12 feet piece length. Basketweave Venting, with Net Free Air Space of 4.78 sq. inches / square foot.
 4. Nailing Hem: Single-row, with elongated nailing holes 1-1/4 inches long at 1-5/8 inches on center.
 5. Color: As selected from manufacturer's full range of standard colors.
 6. Color: As selected from manufacturer's full range of dark colors.
 7. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- B. Vinyl T/3-1/3 Soffit: Use with 5/8 inch installation accessories.
1. Product Description: Triple 3-1/3 inch Solid Vertical Soffit with pebble finish, nominal 0.044 inch material thickness; nominal 12 feet piece length.
 2. Product Description: Triple 3-1/3 inch Vented Soffit with pebble finish, nominal 0.044 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 9.19 sq. inches / square foot.
 3. Nailing Hem: Single-row, with elongated nailing holes 1-1/4 inches long at 1-5/8 inches on center.
 4. Color: As selected from manufacturer's full range of standard colors.
 5. Color: As selected from manufacturer's full range of dark colors.
 6. Color: As selected from manufacturer's full range of premium colors.
 7. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- C. Vinyl D/5 Soffit: Use with 1/2 inch installation accessories.
1. Product Description: Premium Double 5 inch Vertical Solid Soffit with wood grain finish, nominal 0.044 inch material thickness; nominal 12 feet piece length.
 2. Product Description: Premium Double 5 inch Vertical Perforated Soffit with wood grain finish, nominal 0.044 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 6.20 sq. inches / square foot.
 3. Product Description: Standard Double 5 inch Soffit with wood grain finish, nominal 0.040 inch material thickness; nominal 12 feet piece length.
 4. Product Description: Standard Double 5 inch Perforated Soffit with wood grain finish, nominal 0.040 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 6.20 sq. inches / square foot.
 5. Nailing Hem: Single-row, with elongated nailing holes 1-1/4 inches long at 1-5/8 inches on center.
 6. Color: As selected from manufacturer's full range of standard colors.
 7. Color: As selected from manufacturer's full range of dark colors.
 8. Color: As selected from manufacturer's full range of premium colors.
 9. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- D. Vinyl Premium Triple 4 Soffit: Use with 1/2 inch installation accessories.
1. Product Description: Premium Triple 4 inch Solid Soffit with pebble finish, nominal 0.038 inch material thickness; nominal 12 feet piece length.
 2. Product Description: Premium Triple 4 inch Center Vent Soffit with pebble finish, nominal 0.038 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 1.956 sq. inches / square foot.
 3. Product Description: Premium Triple 4 inch Full Vent Soffit with pebble finish, nominal 0.038 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 5.867 sq. inches / square foot.
 4. Nailing Hem: Single-row, with elongated nailing holes 1-1/4 inches long at 1-5/8 inches on center.

5. Color: As selected from manufacturer's full range of standard colors.
 6. Color: As selected from manufacturer's full range of dark colors.
 7. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- E. Beaded Soffit: Use with 3/8 inch installation accessories.
1. Product Description: Beaded 7 inch exposure Solid Soffit with pebble finish, nominal 0.040 inch material thickness; nominal 12 feet piece length.
 2. Product Description: Beaded 7 inch exposure Hidden Vent Soffit with pebble finish, nominal 0.040 inch material thickness; nominal 12 feet piece length. Net Free Air Space of 2.66 sq. inches / square foot.
 3. Nailing Hem: Single-row, with elongated nailing holes 1-1/4 inches long at 1-5/8 inches on center.
 4. Color: As selected from manufacturer's full range of standard colors.
 5. Color: As selected from manufacturer's full range of dark colors.
 6. VSI Certified Vinyl siding with Color Retention: Meets or exceeds requirements of ASTM D 7856, ASTM D 6864, and ASTM D 7251.
- F. Vinyl Trim:
1. Soffit J-Trim 3/8 inch: Channel, 1-1/2 inches nailing leg, 3/4 inch forward leg, 3/8 inch channel width; _____ color. Length 12 foot 6 inches.
 2. Soffit J-Trim 1/2 inch: Channel, 1-1/2 inches nailing leg, 3/4 inch forward leg, 1/2 inch channel width; _____ color. Length 12 foot 6 inches.
 3. Soffit F-Trim: Channel, 1-1/2 inches reveal, 1/2 inch forward leg, 3/4 inch depth; _____ color. Length 12 foot 6 inches.
 4. H-Mold: 5/8 inch with pebble finish, 1-7/8 exposed face. Length 12 foot 6 inches.
 5. Fascia: 8 inch with wood grain finish. Length 12 foot 6 inches.
 6. J-Channel: Channel, 1-1/2 inch nailing leg, 3/4 inch forward leg, 1/2 inch channel width; _____ color.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared. Verify dimensions and acceptability of substrate
- 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. Installation of vapor retarder is specified in Section 07260.

- C. Attach vinyl products to substrate for weathertight installation; ensure that horizontal components are installed true to level, that vertical components are installed true to plumb.
- D. Stagger lap joints in horizontal siding in uniform pattern as successive courses of siding are installed.
- E. Install joint sealers as specified in Section 07900.

3.4 ADJUSTING AND CLEANING

- A. Clean dirt from surface of installed products, using mild soap and water.
- B. After completing installation, remove from project site excess materials and debris resulting from installation of vinyl products.

3.5 PROTECTION

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

END OF SECTION