

VYTEC ARCHITECTURAL SPECIFICATIONS



SECTION 07464 SIMULATED WOOD SIDING

SCOPE OF WORK

PART 1 – GENERAL

1.1

SECTION INCLUDES

- A) Vytec Solid Vinyl Siding.
- B) Vytec Vinyl Accessories and Trim.
- C) Vytec Vinyl Soffits.

1.2

RELATED SECTIONS

- A) Section 06100 – Rough Carpentry: Framing and Sheathing.
- B) Section 07900 – Joint Sealers.

1.3

REFERENCES

- A) ASTM D-3679 – Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding.
- B) ASTM D-4477 – Specification for Rigid (Unplasticized) Poly (Vinyl Chloride) (PVC) Soffit.
- C) ASTM D-4756 – Practice for the Installation of Rigid Poly (Vinyl Chloride) (PVC) Siding and Soffit.

1.4

SUBMITTALS

- A) Submit under provisions of Section 01300
- B) Product Data: Provide manufacturer's printed information and installation instruction on siding products and accessories.
- C) Selection Samples: Provide color samples of manufacturer's full range of colors.
- D) Verification Samples: Provide 3 samples of siding products in specified colors not less than 12" in length.

1.5

QUALITY ASSURANCE

- A) Quality and Performance of siding products must conform to ASTM D3679 and applicable building code.
- B) Installer: Provide installer with no less than 3 years of experience in like products.

1.6

VYTEC ARCHITECTURAL SPECIFICATIONS

DELIVERY, STORAGE AND HANDLING

- A) Deliver products to project site in original packaging.
- B) Store products in original packaging on flat surface under cover
 - 1) Stack no more than 12 boxes high
 - 2) Do not store in location where temperatures may exceed 130 degrees F

1.7

WARRANTY

- A) Provide manufacturer's warranty, transferable to new owners.

PART 2 – PRODUCTS

2.1

MANUFACTURER

- A) VYTEC
- B) 20 MOORES ROAD
MALVERN, PA 19355 USA
WWW.VYTEC.COM
- C) Substitutions: Not Permitted.

2.2

MATERIALS

- A) Provide siding, soffit and accessory materials that:
 - 1) Provide elongated nailing slots on nailing flanges to allow for movement.
 - 2) Provide factory-notch ends of horizontal panels to form overlapping joints.
 - 3) Meet all requirements of ASTM D-3679.
- B) Fasteners: Galvanized nails or other corrosion resistant fasteners as specified in manufacturer's printed installation instructions.

2.3

VINYL SIDING AND TRIM

NOTE: **Retain only siding type or types required for project from those listed below; delete all others. Delete Type designation from paragraph if only one type siding required for project; coordinate Type designation with drawing if more than one type siding required for project. Determine method of color selection; delete alternative text under each siding type.

- A) Vinyl Siding Type _____:
 - b. Acceptable Product:
 - i. Vytec Heartwood Single 7" Perfection Shingles
 - c. Product Description:
 - i. Single 7" Perfection Shingle, Perfection Cedar finish
 - d. Physical Characteristics:
 - i. Average Thickness: 0.060 inch, plus or minus 0.001 inch
 - ii. Butt height: .750 inch, nominal
 - iii. Piece length: 10 feet 1 inch

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- iv. Exposure: 7 inches
- v. Color: *White, Buttercream, Maplewood, Sierra Brown, Canyon Ridge, Castle Stone, Rustic Clay, Tundra Moss, Twilight Gray, Harbour, Redwood, Rustic Oak, Shoreline, Smokestone, Smoky Steel*

Color: _____

B) Vinyl Siding Type _____:

- b. Acceptable Product:
 - i. Vytec Prestige D4.5 Vinyl Siding
 - ii. Vytec Prestige D4.5 DL Vinyl Siding
 - iii. Vytec Prestige D5 DL Vinyl Siding
- c. Product Description:
 - i. Double 4-1/2" Traditional, Low Gloss, Oak wood grain finish
 - ii. Double 4-1/2" Dutch Lap, Low Gloss, Oak wood grain finish
 - iii. Double 5" Dutch Lap, Low Gloss, Oak wood grain finish
 - iv. Double rolled over nail hem
- d. Physical Characteristics:
 - i. Average Thickness: 0.044 inch, plus or minus 0.001 inch
 - ii. Butt height: .560 inch – D4.5;
.560 inch – D4.5 DL;
.560 inch – D5 DL, nominal
 - iii. Piece length: 12 feet 11-1/8 inch – D4.5 & D4.5 DL;
12 feet 11-1/2 inch – D5, nominal
 - iv. Exposure: 9 inches – D4.5 & D4.5 DL;
10 inches – D5, nominal
 - v. Color: *White, Buttercream, Classic Gray, Maplewood, Natural Sand, Sand Drift, Sierra Brown, Canyon Ridge, Carolina Blue, Castle Stone, Grasslands, Lakeshore Blue, Rustic Clay, Spring Meadow, Tundra Moss, Twilight Gray, Forest, Harbour, Redwood, Rustic Oak, Shoreline, Smokestone, Smoky Steel*

Color: _____

C) Vinyl Siding Type _____:

- b. Acceptable Product:
 - i. Vytec Proside D4.5 Vinyl Siding
 - ii. Vytec Proside D4.5 DL Vinyl Siding
 - iii. Vytec Proside D4.0 Vinyl Siding
 - iv. Vytec Proside Single 8" Vinyl Siding
- c. Product Description:
 - i. Double 4-1/2" Traditional, Low Gloss, Single row nailing hem, Maple wood grain finish
 - ii. Double 4-1/2" Dutch Lap, Low Gloss, Single row nailing hem, Maple wood grain finish
 - iii. Double 4.0" Traditional, Low Gloss, Single row nailing hem, Maple wood grain finish

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- iv. Single row 8” Traditional, Regular Gloss, Single row nailing hem, Maple wood grain finish

d. Physical Characteristics:

- i. Average Thickness: 0.042 inch, plus or minus 0.001 inch-D4.5 & D4.5 DL
0.045 inch, plus or minus 0.001 inch-Single row 8”
- ii. Butt height: .560 inch – D4.5 & D4;
.440 inch – D4.5 DL;
.650 inch, - Single row 8”, nominal
- iii. Piece length: 12 feet 11-1/8 inch – D4.5 & D4.5 DL;
12 feet 3-5/8 inch – 8” & D4, nominal
- iv. Exposure: 9 inches – D4.5 & D4.5 DL;
8 inches - 8” & D4, nominal
- v. Color: *White, Buttercream, Classic Gray, Maplewood, Natural Sand, Sand Drift, Sierra Brown, Carolina Blue, Castle Stone, Grasslands, Lakeshore Blue, Rustic Clay, Spring Meadow, Tundra Moss, Twilight Gray*

Color: _____

D) Vinyl Siding Type_____:

b. Acceptable Product:

- i. Vytec Nantucket D4 Vinyl Siding
- ii. Vytec Nantucket D4 DL Vinyl Siding
- iii. Vytec Nantucket D4.5 DL Vinyl Siding

c. Product Description:

- i. Double 4” Traditional, Low Gloss, Single row nailing hem, Cedar Wood grain finish
- ii. Double 4” Dutch Lap, Low Gloss, Single row nailing hem, Cedar Wood grain finish
- iii. Double 4-1/2” Dutch Lap, Low Gloss, Single row nailing hem, Cedar Wood grain finish

d. Physical Characteristics:

- i. Average Thickness: 0.040 inch, plus or minus 0.001 inch
- ii. Butt height: .560 inch —D4;
.445 inch – D4 DL;
.500 inch – D4.5 DL, nominal
- iii. Piece length: 12 feet 3-5/8 inch – D4 & D4 DL
12 feet 11-1/8 inch – D4.5 DL, nominal
- iv. Exposure: 7.883 inches —D4;
7.858 inches – D4 DL;
9 inches – D4.5 DL, nominal
- v. Color: *White, Buttercream, Classic Gray, Maplewood, Natural Sand, Sand Drift, Sierra Brown, Carolina Blue, Castle Stone, Grasslands, Rustic Clay, Tundra Moss, Twilight Gray*

Color: _____

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- E) Vinyl Siding Type_____:
- b. Acceptable Product:
 - i. Vytec Board & Batten Vinyl Siding
 - c. Product Description:
 - i. Single 7” Vertical panel, Single row nailing hem, Oak wood grain finish.
 - d. Physical Characteristics:
 - i. Average Thickness: 0.052 inch, plus or minus 0.001 inch
 - ii. Butt height: .5 inch, nominal
 - iii. Piece length: 10 feet, nominal
 - iv. Exposure: 7 inches, nominal
 - v. Color: *White, Buttercream, Classic Gray, Maplewood, Natural Sand, Sand Drift, Sierra Brown, Castle Stone, Rustic Clay, Tundra Moss, Twilight Gray, Harbour, Redwood, Rustic Oak, Shoreline, Smokestone, Smoky Steel, Canyon Ridge, Lakeshore Blue, Spring Meadow*
- Color _____

2.4

VINYL SOFFIT & PORCH PANELS

NOTE: **Retain only soffit type or types required for project from those listed below; delete all others. Delete Type designation from paragraph if only one type soffit required for project; coordinate Type designation with drawings if more than one type soffit required for project. Determine method of color selections; delete alternative text under each soffit type.

- A) Vinyl Soffit Type_____:
- a. Acceptable Product:
 - i. Vytec Beaded Porch Panel – Triple 2-2/3” Solid
 - b. Product Description:
 - i. Triple 2-2/3” Profile with “bead” in profile to give a customized look, single row nailing hem.
 - e. Physical Characteristics:
 - i. Average Thickness: 0.040 inch, plus or minus 0.001 inch
 - ii. Butt height: .375 inch, nominal
 - iii. Piece length: 12 feet, nominal
 - iv. Exposure: 8 inches, nominal
 - v. Color: *White, Sierra Brown*
- Color _____

- B) Vinyl Soffit Type_____:
- a. Acceptable Product:
 - ii. Vytec Triple 3-1/3” Soffit - Hidden Vent
 - iii. Vytec Triple 3-1/3” Soffit - Solid
 - b. Product Description:

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- ii. Triple 3-1/3” Profile offers a hidden vent for maximum net free air value
- f. Physical Characteristics:
 - i. Average Thickness: 0.0400 inch, plus or minus 0.001 inch
 - ii. Butt height: .625 inch, nominal
 - iii. Piece length: 12 feet, nominal
 - iv. Exposure: 10 inches, nominal
 - v. NFA (vented): 9.65 sq. in./ ft.
 - vi. Color: *White*

Color _____

C) Vinyl Soffit Type_____:

- a. Acceptable Product:
 - i. Vytec Double 5” Select Solid Vinyl Soffit
 - ii. Vytec Double 5” Select Full Vent Vinyl Soffit (perforated)
- b. Product Description:
 - i. Double 5” panel, Single nailing hem, Cedar wood grain finish
- c. Physical Characteristics:
 - i. Average Thickness: 0.0400 inch, plus or minus 0.001 inch
 - ii. Butt height: .520 inch, nominal
 - iii. Piece length: 12 feet, nominal
 - iv. Exposure: 10 inches, nominal
 - v. NFA (vented): 4.0 sq. in./ ft.
 - vi. Color: *White, Buttercream, Sand Drift, Sierra Brown, Musket Brown, Castle Stone, Rustic Clay*

Color _____

D) Vinyl Soffit Type_____:

- a. Acceptable Product:
 - i. Vytec T4” Solid Vinyl Soffit
 - ii. Vytec T4” Center Vent Vinyl Soffit (lanced) **White only*
 - iii. Vytec T4” Full Vent Vinyl Soffit (lanced)
- b. Product Description:
 - i. Triple 4” panels, Single nailing hem, Brushed finish
- c. Physical Characteristics:
 - i. Average Thickness: 0.0360 inch, plus or minus 0.001 inch
 - ii. Butt height: .400 inch, nominal
 - iii. Piece length: 12 feet, nominal
 - iv. Exposure: 12 inches, nominal
 - v. NFA (full vent): 9.5 sq. in./ ft. (3.2 sq. in./ft – center vent)
 - vi. Color: *White, Sand Drift, Sierra Brown, Rustic Clay, Twilight Gray*

Color _____

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VINYL ACCESSORIES

- A) Provide coordinating vinyl accessories for complete and proper installation, whether or not specifically shown on the drawings.
- B) Color: Provide accessories in color matching adjacent siding or soffit panels.
- C) Color: Provide accessories in contrasting color, as follows: _____.
- D) Profiles: Provide types as indicated on the drawings.
- E) Schedule or Accessories
 - a. Start Strip: Vinyl
 - b. Utility/Undersill trim: Standard type.
 - c. Outside corners: Single piece corner & 6" Insulated Corner (20°).
 - d. Inside Corner Post.
 - e. Soffit trim: F-channel & H-Channel.
 - f. J-Channels: 1/2", 5/8" and 3/4" wide face.

PART 3 – EXECUTION

3.1

EXAMINATION

- A) Prior to commencing installation, verify governing dimensions of building and condition of substrate.

3.2

PREPARATION

- A) Examine, clean and repair as necessary any substrate conditions which would be detrimental to proper installation.
- B) Do not begin installation until unacceptable conditions have been corrected.

3.3

INSTALLATION

- A) General: Install products in accordance with the latest printed instructions of the manufacturer, with all components true and plumb.
- B) Nailing: Nail horizontal panels by placing nail in center of slot. Nail vertical panels by placing first nail at top of top slot and remaining nails in center of slots. Drive nails straight, leaving 1/16 inch space between nail head and flange of panel.
- C) Stapling: Staple horizontal panels by resting head of stapler onto nail hem. Shoot staple legs into the center and top of nail slots, leaving 1/16 inch space between the staple crown and flange of panel.
- D) Spacing: Allow space between both ends of siding panels and trim for thermal movement. Overlap horizontal panel ends one-half the width of factory pre-cut notches.
- E) Joints in Horizontal Siding: Stagger lap joints in uniform pattern as successive courses of siding are installed.
- F) Joints in Vertical Siding: Install J-channel and flashing to accommodate successive courses of vertical siding. Install wood shims at building corners to bring cut edges of vertical siding out to correct plane.

3.4

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CLEANING

A) At completion of work, remove debris caused by siding installation from project site.

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