

SECTION 07464

VINYL and Polymer Siding



For best results, display hidden notes to specifier.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Vinyl siding, Polymer shake and shingle siding.
- B. Vinyl soffits.
- C. Accessories and trim.

1.2 RELATED SECTIONS

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

1.3 REFERENCES

- A. ASTM D7793 – Standard Specification for Insulated Vinyl Siding
- B. ASTM D 3679 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding.
- C. ASTM D 4477 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Soffit.
- D. ASTM D 5206 - Standard Windload Resistance Test.
- E. ASTM E 84 - Standard test Method for Surface Burning Characteristics of Building Materials.
- F. ASTM E 119 - Standard Test Methods for Fire Tests of Building Construction and Materials.
- G. ASTM D7254 – Standard Specification for Polypropylene (PP) Siding

1.4 DESIGN/PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Code compliance in accordance with the following:
 - 1. IBC and IRC
 - 2. ICC Evaluation Service
 - 3. CCMC

4. State of Florida

- B. PVC Fire Resistance: Provide vinyl siding products that meet or exceed the following ratings:
 - 1. Flame Spread Index < 25, smoke development rating <450, per ASTM E 84.
 - 2. Fire endurance classification of 1 hour, per ASTM E 119 in a wall assembly.
- C. Cedar Impressions Shake and Shingle Siding Fire Resistance: Provide thermoplastic polyolefin siding products that meet or exceed the following ratings:
 - 1. Flame Spread Index <200 per ASTM E-84.

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.
- C. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- D. Verification Samples: For each finish product specified, two samples, minimum size 12 inches (300 mm) long, representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Provide installer with not less than three years of experience with products specified or has obtained 5-Star Green Contractor (Preferred), 5-Star Contractor (preferred), or Master Craftsman credentials from CertainTeed.
- B. Mock-Up: Provide a mock-up for evaluation of installation techniques and workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship and color is approved by Architect.
 - 3. Reinstall mock-up area as required to produce acceptable work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation. Refer to manufacturer's installation instructions for specific storage and handling requirements.

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 lifetime limited warranty on siding products, transferable to new owners.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: CertainTeed Corporation, Siding Products Group, 20 Moores Road, Malvern, Pennsylvania 19355. Tel: (800) 233-8990; Email: salesupportgroup@certainteed.com; Web: www.certainteed.com.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

- A. Polymer Shakes and Shingle Siding: Provide products made of molded polypropylene as specified in this section and manufactured to comply with requirement of ASTM D 7254
 - 1. Provide elongated nailing slots on nailing flanges to allow movement
 - 2. Provide products that meet weathering requirements of ASTM D 7254
 - 3. In accordance with ICC – ES Acceptance Criteria AC366
 - 4. Provide panel thermometer allowing for proper spacing in various temperatures
- B. Vinyl Siding, Soffit and Components: Provide products made of extruded polyvinyl chloride as specified in this section and manufactured to comply with requirements of ASTM D 3679.
 - 1. Provide elongated nailing slots on nailing flanges to allow for movement.
 - 2. Factory-notch ends of horizontal panels to form overlapping joints.
 - 3. Provide products that meet weathering requirements of ASTM D 3679.

2.3 Polymer Shakes and Shingle Siding

- A. Cedar Impressions Individual 5" Sawmill Shingles:
 - 1. Design: Individual 5 inch (127 mm) shingle; sawmill finish.
 - 2. Lock: N/A – hard nailed/stapled
 - 3. Height: 12 inch (304.8 mm).
 - 4. Width: Ranges from 4 inch (101.6 mm) to 8 inch (203.2 mm).
 - 5. Average Thickness: 0.090 inch (2.29 mm).
 - 6. Panel Projection: 1 inch (25.4 mm).
 - 7. Panel Exposure: 5 inches (127 mm)
 - 8. Maximum Warp: 0.250 inch (6 mm).
 - 9. CedarLife™ Color Technology: color solid throughout the panel (including blended colors)
 - 10. Color: As selected by Architect from manufacturer's standards.
 - 11. Color shall be as follows:
 - a. Cedar Blend Light.
 - b. Cedar Blend Medium.
 - c. Cedar Blend Dark.
 - d. Driftwood Blend Light.
 - e. Driftwood Blend Medium.
 - f. Driftwood Blend Dark.
 - g. Natural Blend Light.
 - h. Natural Blend Medium.
 - i. Natural Blend Dark.
 - j. Rustic Blend Light.

- k. Rustic Blend Medium.
 - l. Rustic Blend Dark.
- B. Cedar Impressions T5 Straight Edge Sawmill Shingles:
 - 1. Design: Triple 5 inch (127 mm) shingle; sawmill finish.
 - 2. Lock: Certilock Molded Perimeter Lock.
 - 3. Width: 15 inch (381 mm)
 - 4. Length: 5 feet (1.52 m) plus or minus .025 inch (6 mm).
 - 5. Average Thickness: 0.100 inch (2.54 mm).
 - 6. Panel Projection: 3/4 inch (19 mm).
 - 7. Panel Exposure: 5 inches (127 mm) plus or minus .062 inch (1.57 mm).
 - 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 - 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
 - 10. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Ivy Green.
 - o. Light Maple.
 - p. Mountain Cedar.
 - q. Natural Clay.
 - r. Pacific Blue.
 - s. Sable Brown.
 - t. Sandpiper.
 - u. Sandstone Beige.
 - v. Savannah Wicker.
 - w. Seagrass.
 - x. Snow.
 - y. Spruce.
 - z. Sterling Gray.
 - aa. Suede.
 - bb. Terra Cotta.
- C. Cedar Impressions D7 Straight Edge Perfection Shingles:
 - 1. Design: Double 7 inch (178 mm) shingle; cedar grain finish.
 - 2. Lock: Molded Perimeter Lock.
 - 3. Width: 14 inch (356 mm).
 - 4. Length: 4 feet (1.22 m) plus or minus .025 inch (6 mm).
 - 5. Average Thickness: 0.100 inch (2.54 mm).
 - 6. Panel Projection: 3/4 inch (19 mm).
 - 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
 - 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 - 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
 - 10. Color: As selected by Architect from manufacturer's standards.
 - 11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Bermuda Blue.

- d. Buckskin.
- e. Charcoal Gray.
- f. Colonial White.
- g. Cypress.
- h. Desert Tan.
- i. Flagstone.
- j. Forest.
- k. Granite Gray.
- l. Green Tea.
- m. Hearthstone.
- n. Heritage Cream.
- o. Herringbone.
- p. Ivy Green.
- q. Light Maple.
- r. Mountain Cedar.
- s. Natural Clay.
- t. Pacific Blue.
- u. Sable Brown.
- v. Sandpiper.
- w. Sandstone Beige.
- x. Savannah Wicker.
- y. Seagrass.
- z. Snow.
- aa. Spruce.
- bb. Sterling Gray.
- cc. Suede.
- dd. Terra Cotta.

D. Cedar Impressions S7 Straight Edge Perfection Shingles:

- 1. Design: Single 7 inch (178 mm) shingle; cedar grain finish.
- 2. Lock: Certilock Molded Perimeter Lock.
- 3. Width: 7 inch (178mm).
- 4. Length: 6 feet 1.5 inches (1.87 m) plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.090 inch (2.29 mm).
- 6. Panel Projection: 3/4 inch (19 mm).
- 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Cedar Blend
 - b. Driftwood Blend
 - c. Natural Blend
 - d. Rustic Blend

E. Cedar Impressions D7 Staggered Perfection Shingles:

- 1. Design: Double 7 inch (178 mm) shingle; cedar grain finish.
- 2. Lock: Molded Perimeter Lock.
- 3. Width: 14 inch (356 mm).
- 4. Length: 4 feet (1.22 m) plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.100 inch (2.54 mm).
- 6. Panel Projection: 3/4 inch (19 mm).
- 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:

- a. Autumn Red.
- b. Autumn Yellow.
- c. Buckskin.
- d. Charcoal Gray.
- e. Colonial White.
- f. Cypress.
- g. Desert Tan.
- h. Flagstone.
- i. Forest.
- j. Granite Gray.
- k. Hearthstone.
- l. Heritage Cream.
- m. Herringbone.
- n. Ivy Green.
- o. Light Maple.
- p. Mountain Cedar.
- q. Natural Clay.
- r. Pacific Blue.
- s. Sable Brown.
- t. Sandpiper.
- u. Sandstone Beige.
- v. Savannah Wicker.
- w. Seagrass.
- x. Snow.
- y. Spruce.
- z. Sterling Gray.
- aa. Suede.
- bb. Terra Cotta.

F. Cedar Impressions D7 Straight Edge Rough-Split Shakes:

- 1. Design: Double 7 inch (178 mm) shake; cedar shake finish.
- 2. Lock: Molded Perimeter Lock.
- 3. Width: 14 inch (356 mm).
- 4. Length: 57 inches plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.125 inch (3.18 mm).
- 6. Panel Projection: 1 inch (25 mm).
- 7. Panel Exposure: 7 inch (229 mm) plus or minus .062 inch (1.57 mm).
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Ivy Green.
 - o. Light Maple.
 - p. Mountain Cedar.
 - q. Natural Clay.
 - r. Pacific Blue.
 - s. Sable Brown.

- t. Sandpiper.
- u. Sandstone Beige.
- v. Savannah Wicker.
- w. Seagrass.
- x. Snow.
- y. Spruce.
- z. Sterling Gray.
- aa. Suede.
- bb. Terra Cotta.

G. Cedar Impressions D9 Staggered Rough-Split Shakes:

1. Design: Double 9 inch (229 mm) shake; cedar shake finish.
2. Lock: Molded Perimeter Lock.
3. Width: 18 inch (458 mm).
4. Length: 57 inches plus or minus .025 inch (6 mm).
5. Average Thickness: 0.125 inch (3.18 mm).
6. Panel Projection: 1 inch (25 mm).
7. Panel Exposure: 9 inch (229 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Panel Thermometer: Monitors panel temperature to help ensure accurate installation.
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Ivy Green.
 - o. Light Maple.
 - p. Mountain Cedar.
 - q. Natural Clay.
 - r. Pacific Blue.
 - s. Sable Brown.
 - t. Sandpiper.
 - u. Sandstone Beige.
 - v. Savannah Wicker.
 - w. Seagrass.
 - x. Snow.
 - y. Spruce.
 - z. Sterling Gray.
 - aa. Suede.
 - bb. Terra Cotta.

H. Cedar Impressions D6.25 Half Round Shingles:

1. Design: Double 6.25 inch (159 mm) shingle; cedar grain finish.
2. Lock: Molded Perimeter Lock.
3. Width: 12.5 inch (318 mm).
4. Length: 32 inches (813 mm) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.100 inch (2.54 mm).
6. Panel Projection: 3/4 inch (19 mm).

7. Panel Exposure: 6.25 inches (159 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Bermuda Blue.
 - d. Buckskin.
 - e. Charcoal Gray.
 - f. Colonial White.
 - g. Cypress.
 - h. Desert Tan.
 - i. Flagstone.
 - j. Forest.
 - k. Granite Gray.
 - l. Green Tea.
 - m. Hearthstone.
 - n. Heritage Cream.
 - o. Herringbone.
 - p. Ivy Green.
 - q. Light Maple.
 - r. Mountain Cedar.
 - s. Natural Clay.
 - t. Pacific Blue.
 - u. Sable Brown.
 - v. Sandpiper.
 - w. Sandstone Beige.
 - x. Savannah Wicker.
 - y. Seagrass.
 - z. Snow.
 - aa. Spruce.
 - bb. Sterling Gray.
 - cc. Suede.
 - dd. Terra Cotta.

I. 2.4 VINYL SIDING

J. Northwoods S7 Straight Edge Rough-Split Shakes:

1. Design: Single 7 inches (178 mm) Straight Edge Rough-Split Shakes; hand-split cedar grain finish.
2. Width: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
3. Length: 10 feet 1 ¼ inches (3.08 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.050 inch (1.3 mm).
5. Panel projection: 1 inch (19 mm).
6. Exposure: 7 inches (178 mm), single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Flagstone.
 - g. Granite Gray.
 - h. Natural Clay.
 - i. Pacific Blue.
 - j. Sable Brown.
 - k. Sandstone Beige.
 - l. Savannah Wicker.

m. Sterling Gray.

K. Northwoods S7 Straight Edge Perfection Shingles:

1. Design: Single 7 inches (178 mm) Straight Edge Perfection; cedar grain finish.
2. Width: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
3. Length: 10 feet 1 ¼ inches (3.08 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.060 inch (1.52 mm).
5. Panel projection: ¾ inch (19 mm).
6. Exposure: 7 inches (178 mm), single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Castle Stone.
 - d. Charcoal Gray.
 - e. Cypress.
 - f. Desert Tan.
 - g. Espresso.
 - h. Flagstone.
 - i. Granite Gray.
 - j. Hearthstone.
 - k. Midnight Blue.
 - l. Natural Clay.
 - m. Pacific Blue.
 - n. Sable Brown.
 - o. Seagrass.
 - p. Slate.
 - q. Sterling Gray.

L. Northwoods S9 Staggered Rough-Split Shakes:

1. Design: Single 9 inches (203 mm) Straight Edge Rough-Split Shakes; hand-split cedar grain finish.
2. Width: 9 inches (203 mm) plus or minus .062 inch (1.57 mm).
3. Length: 10 feet 4 ¾ inches (3.14 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.050 inch (1.3 mm).
5. Panel projection: 1 inch (19 mm).
6. Exposure: 9 inches (203 mm), single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Desert Tan.
 - d. Flagstone.
 - e. Granite Gray.
 - f. Natural Clay.
 - g. Pacific Blue.
 - h. Sable Brown.
 - i. Savannah Wicker.
 - j. Sterling Gray.

M. CedarBoards D6 Insulated Siding:

1. Design: Double 6 inch (152 mm) clapboard; rough cedar finish with STUdfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 12 inch (305 mm).

4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 6 inch (152 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Charcoal Gray.
 - d. Colonial White.
 - e. Cypress.
 - f. Desert Tan.
 - g. Flagstone.
 - h. Frontier Blend.
 - i. Granite Gray.
 - j. Heritage Cream.
 - k. Light Maple.
 - l. Natural Clay.
 - m. Oxford Blue.
 - n. Pacific Blue.
 - o. Sable Brown.
 - p. Sandpiper.
 - q. Sandstone Beige.
 - r. Savannah Wicker.
 - s. Spruce.
 - t. Sterling Gray.

N. CedarBoards XL D6 Insulated Siding:

1. Design: Double 6 inch (152 mm) clapboard; 60% recycled content; rough cedar finish with STUdfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 12 inch (305 mm).
4. Length: 16 feet 8 inches (5.08 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 6 inch (152 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Autumn Red.
 - b. Charcoal Gray.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Flagstone.
 - g. Granite Gray.
 - h. Heritage Cream.
 - i. Light Maple.
 - j. Natural Clay.
 - k. Oxford Blue.
 - l. Pacific Blue.
 - m. Sable Brown.
 - n. Sandstone Beige.
 - o. Savannah Wicker.
 - p. Spruce.
 - q. Sterling Gray.
 - r. Timber Blend.

- O. CedarBoards S7 Insulated Siding:
1. Design: Single 7 inch (178 mm) clapboard; rough cedar finish with STUDfinder Installation System.
 2. Lock: DuraLock post formed lock design.
 3. Width: 7 inch (178 mm).
 4. Length: 12 feet 3 inch (3.73 m). plus or minus .025 inch (6 mm).
 5. Average Thickness: 0.044 inch (1.1 mm).
 6. Panel Projection: Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
 7. Panel Exposure: 7 inches (178 mm) plus or minus .062 inch (1.57 mm).
 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 9. Color: As selected by Architect from manufacturer's standards.
 10. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Charcoal Gray.
 - d. Colonial White.
 - e. Cypress.
 - f. Desert Tan.
 - g. Flagstone.
 - h. Frontier Blend.
 - i. Granite Gray.
 - j. Heritage Cream.
 - k. Light Maple.
 - l. Natural Clay.
 - m. Oxford Blue.
 - n. Sable Brown.
 - o. Sandpiper.
 - p. Sandstone Beige.
 - q. Savannah Wicker.
 - r. Spruce.
 - s. Sterling Gray.
 - t. Timber Blend.
- P. CedarBoards XL S7 Insulated Siding:
1. Design: Single 7 inch (178 mm) clapboard; rough cedar finish with STUDfinder Installation System.
 2. Lock: DuraLock post formed lock design.
 3. Width: 7 inch (178 mm).
 4. Length: 16 feet 8 inches (5.08 m) plus or minus .025 inch (6 mm).
 5. Average Thickness: 0.044 inch (1.1 mm).
 6. Panel Projection: 3/4 inch (19 mm). (With foam 1-1/4 inch (30 mm).
 7. Panel Exposure: 7 inch (178 mm) plus or minus .062 inch (1.57 mm).
 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 9. Color: As selected by Architect from manufacturer's standards.
 10. Color shall be as follows:
 - a. Autumn Red.
 - b. Charcoal Gray.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Flagstone.
 - g. Granite Gray.
 - h. Heritage Cream.
 - i. Light Maple.
 - j. Natural Clay.
 - k. Oxford Blue.
 - l. Sable Brown.

- m. Sandstone Beige.
- n. Savannah Wicker.
- o. Spruce.
- p. Sterling Gray.

Q. CedarBoards D4.5 Insulated Siding:

1. Design: Double 4.5 inch (114 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 9 inch (229 mm).
4. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (15.9 mm). (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 4.5 inches (114 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Buckskin.
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.
 - e. Granite Gray.
 - f. Heritage Cream.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue.
 - j. Sandpiper.
 - k. Sandstone Beige.
 - l. Savannah Wicker.
 - m. Sterling Gray.

R. CedarBoards D4 Insulated Siding:

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Lock: DuraLock post formed lock design.
3. Width: 8 inch (203 mm).
4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.044 inch (1.1 mm).
6. Panel Projection: 3/4 inch (15.9 mm) (With foam 1-1/4 inch (30 mm).
7. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Buckskin.
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.
 - e. Granite Gray.
 - f. Heritage Cream.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue.
 - j. Sandpiper.
 - k. Sandstone Beige.
 - l. Savannah Wicker.
 - m. Sterling Gray.

- S. CedarBoards S12 Insulated Siding:
1. Design: Single 12" (305 mm) vertical; rough cedar finish.
 2. Lock: DuraLock post formed lock design.
 3. Width: 12 inch (305 mm).
 4. Length: 10 feet (3.05 m) plus or minus .025 inch (6 mm).
 5. Average Thickness: 0.052 inch (1.32 mm).
 6. Panel Projection: 5/8 inch (15.88 mm) (With foam 1-1/4 inch (31.75 mm)).
 7. Panel Exposure: 12 inch (305 mm) plus or minus .062 inch (1.57 mm).
 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 9. Color: As selected by Architect from manufacturer's standards.
 10. Color shall be as follows:
 - a. Autumn Red.
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.
 - e. Granite Gray.
 - f. Heritage Cream.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue .
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Sterling Gray
- T. Monogram D4:
1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
 2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
 3. Lock: CertiLock self-aligning post formed positive lock.
 4. Width: 8 inch (203 mm).
 5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
 6. Average Thickness: 0.046 inch (1.17 mm).
 7. Panel Projection: 3/4 inch (19 mm).
 8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 10. Color: As selected by Architect from manufacturer's standards.
 11. Color shall be as follows:
 - a. Arbor Blend.
 - b. Arctic Blend.
 - c. Autumn Red.
 - d. Autumn Yellow.
 - e. Bermuda Blue.
 - f. Buckskin.
 - g. Canyon Blend.
 - h. Castle Stone.
 - i. Charcoal Gray.
 - j. Colonial White.
 - k. Cypress.
 - l. Desert Tan.
 - m. Espresso.
 - n. Flagstone.
 - o. Forest.
 - p. Frontier Blend.
 - q. Glacier Blend.
 - r. Granite Gray.
 - s. Green Tea.
 - t. Hearthstone.

- u. Heritage Cream.
- v. Herringbone.
- w. Ivy Green.
- x. Light Maple.
- y. Linen.
- z. Meadow Blend.
- aa. Midnight Blue.
- bb. Mountain Cedar.
- cc. Natural Clay.
- dd. Oxford Blue.
- ee. Pacific Blue.
- ff. Sable Brown.
- gg. Sandpiper.
- hh. Sandstone Beige.
- ii. Savannah Wicker.
- jj. Seagrass.
- kk. Silver Ash.
- ll. Slate.
- mm. Snow.
- nn. Spruce.
- oo. Sterling Gray.
- pp. Suede.
- qq. Terra Cotta.
- rr. Timber Blend
- ss. Weathered Blend

U. Monogram D5:

1. Design: Double 5 inch (127 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Castle Stone.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Espresso.
 - i. Flagstone.
 - j. Forest.
 - k. Granite Gray.
 - l. Hearthstone.
 - m. Heritage Cream.
 - n. Herringbone.
 - o. Light Maple.
 - p. Linen.
 - q. Midnight Blue.
 - r. Natural Clay.
 - s. Oxford Blue.
 - t. Pacific Blue.
 - u. Sable Brown.

- v. Sandpiper.
- w. Sandstone Beige.
- x. Savannah Wicker.
- y. Seagrass.
- z. Silver Ash.
- aa. Slate.
- bb. Snow.
- cc. Spruce.
- dd. Sterling Gray.
- ee. Suede.

V. Monogram DL:

1. Design: Double 5 inch (127 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Buckskin.
 - c. Castle Stone.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Espresso.
 - i. Flagstone.
 - j. Forest.
 - k. Granite Gray.
 - l. Hearthstone.
 - m. Heritage Cream.
 - n. Herringbone.
 - o. Light Maple.
 - p. Linen.
 - q. Natural Clay.
 - r. Oxford Blue.
 - s. Pacific Blue.
 - t. Sable Brown.
 - u. Sandpiper.
 - v. Sandstone Beige.
 - w. Savannah Wicker.
 - x. Seagrass.
 - y. Silver Ash.
 - z. Snow.
 - aa. Spruce.
 - bb. Sterling Gray.
 - cc. Suede.

W. Monogram XL-16 D4:

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 8 inch (203 mm).

5. Length: 16 feet 8 inches (5.08 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Castle Stone.
 - b. Charcoal Gray.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Espresso
 - g. Granite Gray.
 - h. Heritage Cream.
 - i. Light Maple.
 - j. Midnight Blue.
 - k. Natural Clay.
 - l. Oxford Blue.
 - m. Pacific Blue.
 - n. Sable Brown.
 - o. Sandstone Beige.
 - p. Savannah Wicker.
 - q. Silver Ash.
 - r. Slate.
 - s. Spruce.
 - t. Sterling Gray.

X. Monogram XL-16 D5 DL:

1. Design: Double 5 inch (127 mm) dutchlap; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 10 inch (254 mm).
5. Length: 16 feet (4.88 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Light Maple.
 - g. Natural Clay.
 - h. Oxford Blue.
 - i. Sandstone Beige.
 - j. Savannah Wicker.
 - k. Silver Ash.
 - l. Sterling Gray.

Y. Monogram XL-20 D4:

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.

3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 8 inch (203 mm).
5. Length: 20 feet (6.10 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Castle Stone.
 - b. Charcoal Gray.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Espresso.
 - g. Granite Gray.
 - h. Heritage Cream.
 - i. Light Maple.
 - j. Midnight Blue.
 - k. Natural Clay.
 - l. Oxford Blue.
 - m. Pacific Blue.
 - n. Sable Brown.
 - o. Sandstone Beige.
 - p. Savannah Wicker.
 - q. Silver Ash.
 - r. Slate.
 - s. Spruce.
 - t. Sterling Gray.

Z. Monogram XL-25 D4:

1. Design: Double 4 inch (102 mm) clapboard; rough cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 220 Technology Roll Over Nail Hem.
3. Lock: CertiLock self-aligning post formed positive lock.
4. Width: 8 inch (203 mm).
5. Length: 25 feet (7.62 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.046 inch (1.17 mm).
7. Panel Projection: 3/4 inch (19 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Castle Stone.
 - b. Charcoal Gray.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Espresso.
 - g. Granite Gray.
 - h. Heritage Cream.
 - i. Light Maple.
 - j. Midnight Blue.
 - k. Natural Clay.
 - l. Oxford Blue.
 - m. Pacific Blue.
 - n. Sable Brown.
 - o. Sandstone Beige.

- p. Savannah Wicker.
- q. Silver Ash.
- r. Slate.
- s. Spruce.
- t. Sterling Gray.

AA. Single 8" Vertical Board & Batten:

1. Design: Single 8 inch (203 mm) vertical; rough cedar finish
2. Width: 8 inch (203 mm).
3. Length:
 - a. 12 feet 6 inches (3.81 m).
 - b. 10 feet (3.05 m).
4. Average Thickness: 0.048 inch (1.2 mm).
5. Panel Projection: 1/2 inch (12.7 mm).
6. Panel Exposure: 8 inch (203 mm) plus or minus .025 inch (6 mm).
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Sandstone Beige.
 - j. Savannah Wicker.
 - k. Sterling Gray.

BB. Single 7" Vertical Board & Batten:

1. Design: Single 7 inch (178 mm) vertical; rough cedar finish
2. Width: 7 inch (178 mm).
3. Length: 10 feet (3.05 m).
4. Average Thickness: 0.052 inch (1.32 mm).
5. Panel Projection: 1/2 inch (12.7 mm).
6. Panel Exposure: 7 inch (178 mm) plus or minus .025 inch (6 mm).
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Autumn Red.
 - b. Castle Stone.
 - c. Charcoal Gray.
 - d. Colonial White.
 - e. Cypress.
 - f. Espresso.
 - g. Flagstone.
 - h. Forest.
 - i. Granite Gray.
 - j. Hearthstone.
 - k. Herringbone.
 - l. Light Maple.
 - m. Midnight Blue
 - n. Mountain Cedar.
 - o. Natural Clay.
 - p. Pacific Blue.
 - q. Sable Brown.
 - r. Savannah Wicker.

- s. Slate.
- t. Spruce.
- u. Sterling Gray.
- v. Terra Cotta.

CC. Carolina Beaded S6.5:

1. Design: Single 6.5 inch (165 mm) beaded; brushed finish with STUDfinder Installation System.
2. Width: 6.5 inch (165 mm).
3. Length: 12 feet 4 inches (3.76 m).
4. Average Thickness: 0.044 inch (1.1 mm).
5. Panel Projection: 3/4 inch (19 mm).
6. Panel Exposure: 6.5 inch (165mm) plus or minus .062 inch (1.57 mm).
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Seagrass.
 - m. Silver Ash.
 - n. Snow.
 - o. Sterling Gray.
 - p. Suede.

DD. Restoration Classic D4 (cedar grain):

1. Design: Double 4 inch (102 mm) clapboard, select cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4 inches (102 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Castle Stone.
 - e. Charcoal Gray.
 - f. Colonial White.
 - g. Cypress.
 - h. Desert Tan.
 - i. Espresso.
 - j. Flagstone.
 - k. Forest.
 - l. Granite Gray.

- m. Hearthstone.
- n. Heritage Cream.
- o. Herringbone.
- p. Light Maple.
- q. Midnight Blue.
- r. Mountain Cedar.
- s. Natural Clay.
- t. Oxford Blue.
- u. Pacific Blue.
- v. Sable Brown.
- w. Savannah Wicker.
- x. Seagrass.
- y. Slate.
- z. Spruce.
- aa. Sterling Gray.
- bb. Suede.
- cc. Terra Cotta

EE. Restoration Classic D5 (cedar grain):

1. Design: Double 5 inch (127 mm) clapboard, select cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 5 inches (127 mm) single nailing hem with patented stabilizer reinforcement.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Yellow.
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.
 - e. Granite Gray.
 - f. Heritage Cream.
 - g. Herringbone.
 - h. Light Maple.
 - i. Natural Clay.
 - j. Oxford Blue.
 - k. Savannah Wicker.
 - l. Seagrass.
 - m. Sterling Gray.

FF. Restoration Classic D4.5 DL (cedar grain):

1. Design: Double 4.5 inch (114 mm) dutchlap, select cedar finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).

10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Castle Stone.
 - e. Charcoal Gray.
 - f. Colonial White.
 - g. Cypress.
 - h. Desert Tan.
 - i. Espresso.
 - j. Forest.
 - k. Granite Gray.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Light Maple.
 - o. Midnight Blue.
 - p. Natural Clay.
 - q. Oxford Blue.
 - r. Savannah Wicker.
 - s. Seagrass.
 - t. Slate.
 - u. Sterling
 - v. Suede.

GG. Restoration Classic - T3 (smooth):

1. Design: Triple 3 inch (76 mm) clapboard, smooth finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).
7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 3 inches (76 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue.
 - j. Savannah Wicker.
 - k. Sterling Gray.

HH. Restoration Classic D4.5 (smooth):

1. Design: Double 4.5 inch (114 mm) clapboard smooth finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 180 Technology Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.044 inch (1.1 mm).

7. Panel Projection: 5/8 inch (15.9 mm).
8. Exposure: 4.5 inches (114 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Oxford Blue.
 - j. Savannah Wicker.
 - k. Sterling Gray.

II. MainStreet D4:

1. Design: Double 4 inch (102 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Light Maple.
 - n. Natural Clay.
 - o. Oxford Blue.
 - p. Sandpiper.
 - q. Sandstone Beige.
 - r. Savannah Wicker.
 - s. Seagrass.
 - t. Silver Ash.
 - u. Snow.
 - v. Spruce.
 - w. Sterling Gray.
 - x. Suede.

JJ. MainStreet T3:

1. Design: Triple 3 inch (76 mm) clapboard; brushed finish with STUDfinder Installation System.

2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 9 inch (229 mm).
5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 3 inch (76 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Light Maple.
 - e. Natural Clay.
 - f. Oxford Blue.
 - g. Sandstone Beige.
 - h. Savannah Wicker.
 - i. Silver Ash.
 - j. Snow.
 - k. Sterling Gray.

KK. MainStreet D5:

1. Design: Double 5 inch (127 mm) clapboard; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Light Maple.
 - n. Natural Clay.
 - o. Oxford Blue.
 - p. Sandpiper.
 - q. Sandstone Beige.
 - r. Savannah Wicker.
 - s. Seagrass.
 - t. Silver Ash.
 - u. Snow.
 - v. Spruce.
 - w. Sterling Gray.

x. Suede.

LL. MainStreet D4 DL:

1. Design: Double 4 inch (102 mm) dutchlap; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 8 inch (203 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 4 inch (102 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Flagstone.
 - i. Forest.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Light Maple.
 - n. Natural Clay.
 - o. Oxford Blue.
 - p. Sandpiper.
 - q. Sandstone Beige.
 - r. Savannah Wicker.
 - s. Seagrass.
 - t. Silver Ash.
 - u. Snow.
 - v. Spruce.
 - w. Sterling Gray.
 - x. Suede.

MM. MainStreet D5 DL:

1. Design: Double 5 inch (127 mm) dutchlap; woodgrain finish with STUDfinder Installation System.
2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
3. Lock: DuraLock post formed lock design.
4. Width: 10 inch (254 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.042 inch (1.07 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Panel Exposure: 5 inch (127 mm) plus or minus .062 inch (1.57 mm).
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.

- e. Colonial White.
- f. Cypress.
- g. Desert Tan.
- h. Flagstone.
- i. Forest.
- j. Granite Gray.
- k. Hearthstone.
- l. Heritage Cream.
- m. Light Maple.
- n. Natural Clay.
- o. Oxford Blue.
- p. Sandpiper.
- q. Sandstone Beige.
- r. Savannah Wicker.
- s. Seagrass.
- t. Silver Ash.
- u. Snow.
- v. Spruce.
- w. Sterling Gray.
- x. Suede.

NN. MainStreet S6.5 Beaded:

- 1. Design: Single 6.5 inch (165 mm) beaded; brushed finish with STUDfinder Installation System.
- 2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 6.5 inch (165 mm).
- 5. Length: 12 feet 4 inch (3.76 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.042 inch (1.07 mm).
- 7. Panel Projection: 1/2 inch (12.7 mm).
- 8. Panel Exposure: 6.5 inch (165mm) plus or minus .062 inch (1.57 mm).
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Light Maple.
 - g. Natural Clay.
 - h. Oxford Blue.
 - i. Sandstone Beige.
 - j. Savannah Wicker.
 - k. Silver Ash.
 - l. Snow.
 - m. Sterling Gray.

OO. MainStreet S8:

- 1. Design: Single 8 inch (203 mm) clapboard; woodgrain finish with STUDfinder Installation System.
- 2. Nail Hem: RigidForm 160 Roll Over Nail Hem.
- 3. Lock: DuraLock post formed lock design.
- 4. Width: 8 inch (203 mm).
- 5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.042 inch (1.07 mm).
- 7. Panel Projection: 5/8 inch (15.9 mm).
- 8. Panel Exposure: 8 inch (203 mm) plus or minus .062 inch (1.57 mm).

9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color shall be as follows:
 - a. Colonial White.

PP. Wolverine American Legend D4:

1. Design: Double 4 inch (102 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 9/16 inch (14.3 mm).
7. Exposure: 4 inches (102 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Forest.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Light Maple.
 - o. Natural Clay.
 - p. Oxford Blue.
 - q. Savannah Wicker.
 - r. Seagrass.
 - s. Snow.
 - t. Spruce.
 - u. Sterling Gray.
 - v. Warm Sand.

QQ. Wolverine American Legend D5:

1. Design: Double 5 inch (127 mm) clapboard, woodgrain finish STUDfinder Installation System.
2. Lock: GripLock.
3. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
4. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
5. Average Thickness: 0.042 inch (1.07 mm).
6. Panel Projection: 9/16 inch (14.3 mm).
7. Exposure: 5 inches (127 mm) with single nailing hem.
8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
9. Color: As selected by Architect from manufacturer's standards.
10. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.

- g. Desert Tan.
- h. Forest.
- i. Flagstone.
- j. Granite Gray.
- k. Hearthstone.
- l. Heritage Cream.
- m. Herringbone.
- n. Light Maple.
- o. Natural Clay.
- p. Oxford Blue.
- q. Savannah Wicker.
- r. Seagrass.
- s. Snow.
- t. Spruce.
- u. Sterling Gray.
- v. Warm Sand.

RR. Wolverine American Legend D4.5 DL:

- 1. Design: Double 4.5 inch (114 mm) dutchlap, woodgrain finish with STUDfinder Installation System.
- 2. Lock: GripLock.
- 3. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
- 4. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
- 5. Average Thickness: 0.042 inch (1.07 mm).
- 6. Panel Projection: 9/16 inch (14.3 mm).
- 7. Exposure: 4.5 inches (114 mm) with single nailing hem.
- 8. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 9. Color: As selected by Architect from manufacturer's standards.
- 10. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Buckskin.
 - d. Charcoal Gray.
 - e. Colonial White.
 - f. Cypress.
 - g. Desert Tan.
 - h. Forest.
 - i. Flagstone.
 - j. Granite Gray.
 - k. Hearthstone.
 - l. Heritage Cream.
 - m. Herringbone.
 - n. Light Maple.
 - o. Natural Clay.
 - p. Oxford Blue.
 - q. Savannah Wicker.
 - r. Seagrass.
 - s. Snow.
 - t. Spruce.
 - u. Sterling Gray.
 - v. Warm Sand.

SS. Chamfer Board D5 vertical siding.

- 1. Design: Double 5 inches (127 mm); brushed finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.044 inch (1.1 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.

6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Granite Gray.
 - d. Heritage Cream.
 - e. Light Maple.
 - f. Natural Clay.
 - g. Savannah Wicker.
 - h. Sterling Gray.

TT. Encore D4:

1. Design: Double 4 inch (102 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 8 inches (203 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.00 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 4 inches (102 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Buckskin.
 - b. Castle Stone.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Heritage Cream.
 - g. Herringbone.
 - h. Light Maple.
 - i. Natural Clay.
 - j. Oxford Blue.
 - k. Sandstone Beige.
 - l. Savannah Wicker.
 - m. Seagrass
 - n. Snow.
 - o. Sterling Gray.
 - p. Warm Sand.

UU. Encore D5:

1. Design: Double 5 inch (127 mm) clapboard, woodgrain finish with STUDfinder Installation System.
2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
3. Lock: Wind-Resistant Lock.
4. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
5. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
6. Average Thickness: 0.040 inch (1.00 mm).
7. Panel Projection: 1/2 inch (12.7 mm).
8. Exposure: 5 inches (127 mm) with single nailing hem.
9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Buckskin.

- b. Castle Stone.
- c. Colonial White.
- d. Cypress.
- e. Desert Tan.
- f. Heritage Cream.
- g. Herringbone.
- h. Light Maple.
- i. Natural Clay.
- j. Oxford Blue.
- k. Sandstone Beige.
- l. Savannah Wicker.
- m. Seagrass
- n. Snow.
- o. Sterling Gray.
- p. Warm Sand.

VV. Encore D4.5 DL:

- 1. Design: Double 4.5 inch (114 mm) dutchlap, woodgrain finish with STUDfinder Installation System.
- 2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
- 3. Lock: Wind-Resistant Lock.
- 4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.040 inch (1.0 mm).
- 7. Panel Projection: 1/2 inch (12.7 mm).
- 8. Exposure: 4.5 inches (114 mm) with single nailing hem.
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 10. Color: As selected by Architect from manufacturer's standards.
- 11. Color shall be as follows:
 - a. Buckskin.
 - b. Castle Stone.
 - c. Colonial White.
 - d. Cypress.
 - e. Desert Tan.
 - f. Heritage Cream.
 - g. Herringbone.
 - h. Light Maple.
 - i. Natural Clay.
 - j. Oxford Blue.
 - k. Sandstone Beige.
 - l. Savannah Wicker.
 - m. Seagrass
 - n. Snow.
 - o. Sterling Gray.
 - p. Warm Sand.

WW. Encore T3:

- 1. Design: Triple 3 inch (76 mm) clapboard, woodgrain finish with STUDfinder Installation System.
- 2. Nail Hem: Wind-Resistant Roll Over Nail Hem.
- 3. Lock: Wind-Resistant Lock.
- 4. Width: 9 inches (229 mm) plus or minus .062 inch (1.57 mm).
- 5. Length: 12 feet 1 inch (3.68 m) plus or minus .025 inch (6 mm).
- 6. Average Thickness: 0.040 inch (1.0 mm).
- 7. Panel Projection: 1/2 inch (12.7 mm).
- 8. Exposure: 3 inches (76 mm) with single nailing hem.
- 9. Maximum Warp (per 2 panels): 0.250 inch (6 mm).

10. Color: As selected by Architect from manufacturer's standards.
11. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Herringbone.
 - e. Light Maple.
 - f. Natural Clay.
 - g. Oxford Blue.
 - h. Sandstone Beige.
 - i. Savannah Wicker.
 - j. Snow.
 - k. Sterling Gray.
 - l. Warm Sand.

2.4 VINYL CARPENTRY SOFFITS

- TT. Beaded T2 soffit and vertical siding, solid.
1. Design: Triple 2 inch (51 mm) solid; smooth finish.
 2. Width: 6 inches (152 mm) plus or minus .062 inch (1.57 mm).
 3. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
 4. Average Thickness: 0.039 inch (1.0 mm).
 5. Exposure: 2 inches (51 mm) single nailing hem.
 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 7. Color: As selected by Architect from manufacturer's standards.
 8. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Natural Clay.
 - e. Sandstone Beige.
 - f. Savannah Wicker.
 - g. Snow.
 - h. Sterling Gray.
- UU. Beaded T2 soffit, invisibly vented.
1. Design: Triple 2 inches (51 mm) vented; smooth finish.
 2. Width: 6 inches (152 mm) plus or minus .062 inch (1.57 mm).
 3. Length: 12 feet 6 inches (3.81 m) plus or minus .025 inch (6 mm).
 4. Average Thickness: 0.039 inch (1.0 mm).
 5. Exposure: 2 inches (51 mm) single nailing hem.
 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
 7. Ventilation: 1.06 sq. inches per sq. ft.
 8. Color: As selected by Architect from manufacturer's standards.
 9. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Natural Clay.
 - e. Sandstone Beige.
 - f. Savannah Wicker.
 - g. Snow.
 - h. Sterling Gray.
- VV. Triple 3-1/3 inch (85 mm) soffit – Solid
1. Design: Triple 3-1/3 inch (85 mm) solid; matte finish.
 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).

3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.044 inch (1.1 mm).
5. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Sandstone Beige.
 - j. Savannah Wicker.
 - k. Seagrass.
 - l. Snow.
 - m. Sterling Gray.

WW. Triple 3-1/3 inch (85 mm) InvisiVent soffit – Invisibly Vented.

1. Design: Triple 3-1/3 inch (85 mm) invisibly vented; matte finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Ventilation: >10.0" N.F.A. /sq. ft.
5. Average Thickness: 0.044 inch (1.1 mm).
6. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Natural Clay.
 - i. Sandstone Beige.
 - j. Savannah Wicker.
 - k. Seagrass.
 - l. Snow.
 - m. Sterling Gray.

XX. Perimeter Triple 3-1/3 inch (85 mm) soffit – Solid

1. Design: Triple 3-1/3 inch (85 mm) solid; matte finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Charcoal Gray
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.

- e. Granite Gray.
- f. Heritage Cream.
- g. Herringbone.
- h. Light Maple.
- i. Natural Clay.
- j. Sandstone Beige.
- k. Savannah Wicker.
- l. Seagrass.
- m. Snow.
- n. Sterling Gray.

YY. Perimeter Triple 3-1/3 inch (85 mm) Hidden Vent Soffit.

- 1. Design: Triple 3-1/3 inch (85 mm) hidden vent; matte finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Ventilation: 9.65 » N.F.A. /sq. ft.
- 5. Average Thickness: 0.040 inch (1.0 mm).
- 6. Exposure: 3-1/3 inches (84.66 mm) single nailing hem.
- 7. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Charcoal Gray.
 - b. Colonial White.
 - c. Cypress.
 - d. Desert Tan.
 - e. Granite Gray.
 - f. Heritage Cream.
 - g. Herringbone.
 - h. Light Maple.
 - i. Natural Clay.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Seagrass.
 - m. Snow.
 - n. Sterling Gray.

ZZ. Ironmax D5 soffit and vertical siding, solid.

- 1. Design: Double 5 inches (127 mm) solid; woodgrain finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.046 inch (1.2 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Arbor Blend.
 - b. Arctic Blend.
 - c. Buckskin.
 - d. Canyon Blend.
 - e. Colonial White.
 - f. Desert Tan.
 - g. Frontier Blend.
 - h. Glacier Blend.
 - i. Granite Gray.
 - j. Heritage Cream.
 - k. Herringbone.
 - l. Light Maple.
 - m. Meadow Blend.

- n. Natural Clay.
- o. Sable Brown*.
- p. Sandstone Beige.
- q. Savannah Wicker.
- r. Snow.
- s. Sterling Gray.
- t. Timber Blend.
- u. Weathered Blend.

*soffit use only

AAA. Ironmax D5 soffit, fully vented.

- 1. Design: Double 5 inches (127 mm) fully vented; woodgrain finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.046 inch (1.2 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Ventilation: 6.42 sq. inches per sq. ft.
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Arbor Blend.
 - b. Arctic Blend.
 - c. Buckskin.
 - d. Canyon Blend.
 - e. Colonial White.
 - f. Desert Tan.
 - g. Frontier Blend.
 - h. Glacier Blend.
 - i. Granite Gray.
 - j. Heritage Cream.
 - k. Herringbone.
 - l. Light Maple.
 - m. Meadow Blend.
 - n. Natural Clay.
 - o. Sable Brown.
 - p. Sandstone Beige.
 - q. Savannah Wicker.
 - r. Snow.
 - s. Sterling Gray.
 - t. Timber Blend.
 - u. Weathered Blend.

BBB. Universal T4 soffit and vertical siding, solid.

- 1. Design: Triple 4 inches (102 mm).solid; matte finish.
- 2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.040 inch (1.0 mm).
- 5. Exposure: 4 inches (102 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Bermuda Blue.
 - d. Buckskin.
 - e. Castle Stone.
 - f. Charcoal Gray.
 - g. Colonial White.
 - h. Cypress.
 - i. Desert Tan.

- j. Espresso.
- k. Flagstone.
- l. Forest.
- m. Granite Gray.
- n. Hearthstone.
- o. Heritage Cream.
- p. Herringbone.
- q. Ivy Green.
- r. Light Maple.
- s. Linen.
- t. Midnight Blue.
- u. Mountain Cedar.
- v. Musket Brown*.
- w. Natural Clay.
- x. Oxford Blue.
- y. Pacific Blue.
- z. Sable Brown.
- aa. Sandpiper.
- bb. Sandstone Beige.
- cc. Savannah Wicker.
- dd. Seagrass.
- ee. Silver Ash.
- ff. Slate.
- gg. Snow.
- hh. Spruce.
- ii. Sterling Gray.
- jj. Suede.
- kk. Terra Cotta.
- ll. Warm Sand.

*soffit use only

CCC. Universal T4 soffit, center vented.

1. Design: Triple 4 inches (102 mm) center vented; matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 1.95 sq. inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Snow.

DDD. Universal T4 soffit, fully vented.

1. Design: Triple 4 inches (102 mm); fully vented, matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.040 inch (1.0 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 5.85 sq. inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Autumn Red.
 - b. Autumn Yellow.
 - c. Bermuda Blue.
 - d. Buckskin.
 - e. Castle Stone.

- f. Charcoal Gray.
- g. Colonial White.
- h. Cypress.
- i. Desert Tan.
- j. Espresso.
- k. Flagstone.
- l. Forest.
- m. Granite Gray.
- n. Hearthstone.
- o. Heritage Cream.
- p. Herringbone.
- q. Ivy Green.
- r. Light Maple.
- s. Linen.
- t. Midnight Blue.
- u. Mountain Cedar.
- v. Musket Brown.
- w. Natural Clay.
- x. Oxford Blue.
- y. Pacific Blue.
- z. Sable Brown.
- aa. Sandpiper.
- bb. Sandstone Beige.
- cc. Savannah Wicker.
- dd. Seagrass.
- ee. Silver Ash.
- ff. Slate.
- gg. Snow.
- hh. Spruce.
- ii. Sterling Gray.
- jj. Suede.
- kk. Terra Cotta.
- ll. Warm Sand.

EEE. Universal D5 soffit, Solid.

1. Design: Double 5 inches (127 mm); woodgrain finish.
2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.040 inch (1 mm).
5. Exposure: 5 inches (127 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Musket Brown.*
 - i. Natural Clay.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Seagrass.

*soffit use only

FFF. Universal D5 soffit, fully vented.

1. Design: Double 5 inches (127 mm); woodgrain finish.

2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.040 inch (1 mm).
5. Exposure: 5 inches (127 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 6.4 inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Cypress.
 - c. Desert Tan.
 - d. Granite Gray.
 - e. Heritage Cream.
 - f. Herringbone.
 - g. Light Maple.
 - h. Musket Brown.*
 - i. Natural Clay.
 - j. Sandstone Beige.
 - k. Savannah Wicker.
 - l. Seagrass.

GGG. Value T4 soffit, solid.

1. Design: Triple 4 inches (102 mm).solid; matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
4. Average Thickness: 0.036 inch (0.9 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Color: As selected by Architect from manufacturer's standards.
8. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Herringbone.
 - e. Light Maple.
 - f. Natural Clay.
 - g. Savannah Wicker.
 - h. Snow.
 - i. Sterling Gray.

HHH. Value T4 soffit, fully vented.

1. Design: Triple 4 inches (102 mm); matte finish.
2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
4. Average Thickness: 0.036 inch (0.9 mm).
5. Exposure: 4 inches (102 mm) single nailing hem.
6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
7. Ventilation: 5.85 sq. inches per sq. ft.
8. Color: As selected by Architect from manufacturer's standards.
9. Color shall be as follows:
 - a. Colonial White.
 - b. Desert Tan.
 - c. Heritage Cream.
 - d. Herringbone.
 - e. Light Maple.
 - f. Natural Clay.
 - g. Savannah Wicker.

- h. Snow.
- i. Sterling Gray.

III. Value T4 soffit, center vented.

- 1. Design: Triple 4 inches (102 mm); center vented, matte finish.
- 2. Width: 12 inches (305 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm).
- 4. Average Thickness: 0.036 inch (0.9 mm).
- 5. Exposure: 4 inches (102 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Colonial White
 - b. Snow

JJJ. Value D5 soffit, solid.

- 1. Design: Double 5 inches (127 mm); solid matte finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.036 inch (0.9 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Color: As selected by Architect from manufacturer's standards.
- 8. Color shall be as follows:
 - a. Colonial White
 - b. Desert Tan
 - c. Savannah Wicker
 - d. Sterling Gray
 - e. Natural Clay

KKK. Value D5 soffit, fully vented.

- 1. Design: Double 5 inches (127 mm); matte finish.
- 2. Width: 10 inches (254 mm) plus or minus .062 inch (1.57 mm).
- 3. Length: 12 feet (3.66 m) plus or minus .025 inch (6 mm)
- 4. Average Thickness: 0.036 inch (0.9 mm).
- 5. Exposure: 5 inches (127 mm) single nailing hem.
- 6. Maximum Warp (per 2 panels): 0.250 inch (6 mm).
- 7. Ventilation: 6.4 inches per sq. ft.
- 8. Color: As selected by Architect from manufacturer's standards.
- 9. Color shall be as follows:
 - a. Colonial White
 - b. Desert Tan
 - c. Savannah Wicker
 - d. Sterling Gray
 - e. Natural Clay

LLL. Soffit Accessories:

- 1. J-Channel: 3/8 inch (10 mm), 1/2 inch (13 mm), 5/8" (16 mm) and 3/4 inch (19 mm) by 12 feet, 6 inch (3.81 m) length, for vertical and eave applications.
- 2. F-Channel: 5/8 inch (15.88 mm) and 3/4 inch (19 mm) by 12 feet 6 inches (3.81 m) length.
- 3. Soffit H-Bar: 3/8 inch (10 mm), 1/2 inch (13 mm) or 3/4 inch (19 mm) by 12 feet, 6 inches (3.81 m) length, for horizontal and eave applications.
- 4. Soffit Cove Trim: 1/2 inch (12.7 mm) by 12 feet, 6 inches (3.81 m) length.

5. Color: _____.

2.5 VINYL CARPENTRY ACCESSORIES

A. Standard Accessories:

1. Corner post: Standard width, 10 feet (3.05 m), 12 feet (3.66 m), and 20 feet (6.10 m) lengths.
2. J-Channel: Standard width, 12 feet, 6 inches (3.81 m) length.
3. Undersill trim: $\frac{3}{4}$ " face, 12 feet, 6 inch (3.81 m) length.
4. Dual undersill trim: $\frac{3}{4}$ " face, 12 feet 6 inches (3.81 m) length.
5. 2-1/2 inch (64 mm) Metal Starter Strip. (No Color)
6. 2-1/4 inch (57 mm) Vinyl Starter Strip. (No Color)
7. Color: refer to CTS002 for color availability of accessories

B. 1-1/4 Inch Pocket Accessories:

1. Cornerpost: Standard width, 10 feet; (3.05 m) length.
2. J-Channel: Standard width, 12 feet, 6 inches (3.81 m) length.
3. Traditional SuperCorner: 5.5 (140 mm) inches by 20 feet (140 mm by 6.1 m) length.
4. Inside Cornerpost; Standard width, 10 feet (3.05 m) length.
5. 3-1/2 inch (89 mm) Lineal by 20 feet (6.09 m) length.
6. Starter Strip: 3 inches (76 mm) by 12 feet, 6 inches (3.81) m length.
7. Band Board: 7-1/4"(184 mm) width by 16'8" (5.08m) length
8. Finish Board: 3-1/2"(88.9mm) width by 12'6" 3.81 m) length
9. Color: refer to CTS002 for color availability of accessories

C. Optional Accessories:

1. D7 Straight Edge Perfection Mitered Corner Post, 14 inches (355.6 mm).
2. D7 Straight Edge Perfection Mitered inside Corner Post, 14 inches (355.6 mm)
3. T5 Straight Edge Perfection Mitered Corner Post, 15 inches (381 mm).
4. D7 Staggered Edge Perfection Mitered Corner Post, 14 inches (355.6 mm).
5. D7 Straight Edge Rough-Split Mitered Corner Post, 14 inches (355.6 mm)
6. D9 Staggered Rough-Split Mitered Corner Post, 18.5 inches (453.25 mm).
7. 2-1/2 inch (64 mm) Window and Door Casing.
8. 2-1/2 inch (64 mm) Vinyl Starter Strip.
9. 5 inch (127 mm) Lineal: 5 inch by 20 feet (127 mm by 6.1 m) length.
10. 3-1/2 inch (89 mm) Lineal: 3-1/2 inches by 12 feet, 6 inches (89 mm by 3.81 m) length.
11. Cornice Molding (64 mm).
12. 3-1/2 inches (89 mm) Snap-on Lineal: 3-1/2 inch by 12 feet 6 inches (89 mm by 3.81 m) length.
13. Crown Molding: 2-1/2 inches by 10 feet (64 mm by 3.05 m) length.
14. SuperCorners:
 - a. Fluted – 5-1/2 inches by 20 feet (140 mm by 6.1 m) length.
 - b. Traditional – 6 inches by 20 feet (152 mm by 6.1 m) length.
 - c. Beaded – 6 inches by 20 feet (152 mm by 6.1 m) length.
15. Color: refer to CTS002 for color availability of accessories.

2.6 FASTENERS

- A. A. Provide galvanized or other corrosion-resistant nails as recommended by manufacturer of siding products.

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. 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. Install products in accordance with the latest printed instructions of the manufacturer.
- B. Installer should have current 5-Star Contractor (preferred) or Master Craftsman credentials.
- C. Install products with all components true and plumb.
- D. *For Vinyl Siding:* 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 (1.6 mm) space between nail head and flange of panel. (NOTE: Refer to CTS205 Installation Manual for latest installation recommendations) *For Polymer Siding:* Refer to CTS205 Installation Manual for latest installation recommendations
- E. 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.
- F. Stagger lap joints in horizontal siding in uniform pattern as successive courses of siding are installed.
- G. 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 PROTECTION

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

3.5 CLEANING

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

END OF SECTION