



SPECTRIM[®]

building products

SECTION 09720

RIGID VINYL WALL COVERINGS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Sheet Wall Protection.
- B. Outside Corner Trim.
- C. Wall Protection Trim Components.

1.2 RELATED SECTIONS

- A. Section 06100 - Rough Carpentry; Framing and Sheathing.
- B. Section 06105 - Miscellaneous Carpentry.
- C. Section 06090 - Wood and Plastic Fastenings.
- D. Section 06402 - Interior Architectural Woodwork.
- E. Section 09260 - Gypsum Board System

1.3 REFERENCES

- A. National Codes (UBC, SBCCI, BOCA, OSHA, Life Safety, OSHPD, AND ADA)
- B. Americans with Disabilities Act (ADA).
- C. ASTM International:
 - 1. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

- D. International Code Council (ICC):
 - 1. International Building Code; 2006 Edition.
- E. Occupational Safety and Health Administration (OSHA)
- F. Office of Statewide Health, Planning and Development (OSHPD).

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods for each type of substrate.
- C. Detail Drawings: Submit detail drawings for each type of component showing the profile and dimensions of each type specified in this section.
- D. Selection Samples: 4 inch (102 mm) long samples of each molding profile, with finish specified. If finish sample is unavailable, an 8 inch by 10 inch (203 mm x 254 mm) finish PVC decorative film coating may be submitted for each specified finish, accompanied by a 4 inch long sample of a similar finished molding for quality and substrate approval.
- E. Verification Samples: For each finish product specified, two samples representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of five (5) years experience.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of three (3) years demonstrated experience in installing products of the same type and scope as specified.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by Architect.
 - 2. Do not proceed with remaining work until workmanship, configuration, and finish are approved by Architect.
 - 3. Refinish mock-up area as required to produce acceptable work.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, handle, and store in manner to products from damage. Product is to deliver on pallets, corner guard and cardboard protected, shrink-wrapped and adequately affixed to pallet to avoid separation during shipping.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Store products indoors. Store products in a dry, temperature controlled area. Maintain temperatures between 65 to 80 degrees F (18 - 26 C) and a relative humidity between 25-55 percent. Place products in the installation area no less than 48 hours prior to installation to adjust to environmental conditions.
- D. Store and dispose of hazardous materials, and materials contaminated by

hazardous materials, in accordance with requirements of local authorities having jurisdiction.

1.7 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.

1.8 WARRANTY

- A. At project closeout, provide to Owner or Owners Representative an executed copy of the manufacturer's standard limited warranty against manufacturing defect, outlining its terms, conditions, and exclusions from coverage.
 - 1. Duration - Material: One (1) year from date of installation.
 - 2. Duration - Surface Color Fade: Five (5) years from date of installation.
 - 3. Duration - De-lamination of top finish from substrate: Five (5) years from date of installation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Spectrim Building Products, LLC, which is located at: P. O. Box 826 3433 Marshall Ln. ; Bensalem, PA 19020; Toll Free Tel: 800-437-0557; Tel: 267-223-1030; Fax: 215-245-8704; Email: request info; Web: www.spectrimbp.com
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 WALL PROTECTION PANELS

- A. Ven4ma Flat Panel:
 - 1. Profile: Flat.
 - 2. Thickness: .040 inch (1.1016mm).
 - 3. Sheet Dimensions: 48 inches by 96 inches (1219mm x 3048mm)
 - 4. Sheet Dimensions: 48 inches by 120 inches (1219mm x 3048mm)
 - 5. Sheet Dimensions: 48 inches by 144 inches (1219mm x 3658mm) Special Order
 - 6. Grain Configuration: Long Grain.
- B. Ven4ma Beaded Panel:
 - 1. Profile: Double Vertical bead - 1 1/2 inch (39mm) o.c. spacing.
 - 2. Thickness: 0.040 inch (1.1016mm).
 - 3. Sheet Dimensions: 48 inches by 120 inches (1219mm x 3048mm).
 - 4. Grain Configuration: Short Grain
- C. Finish:
 - 1. Finish: 02 Natural Anigre
 - 2. Finish: 08 Honduras Mahogany
 - 3. Finish: 13 Maple
 - 4. Finish: 32 Driftwood
 - 5. Finish: 100 Authentic Apple
 - 6. Finish: 101 Sienna Walnut

7. Finish: 102 Natural Cherry STF
8. Finish: 103 Wenge STF
9. Finish: 104 Antique White STF
10. Finish: 105 Autumn Walnut
11. Finish: 106 Riva
12. Finish: 107 Pearwood
13. Finish: 108 Memento
14. Finish: 109 Cosmo Plum
15. Finish: 110 En Vogue Olive
16. Finish: 912 Amber Cherry

2.3 WALL PROTECTION TRIM COMPONENTS

- A. Ven4ma Base:
 1. Base - Large: 3/16 inch deep by 7 1/2 inches tall by 144 inches long (6mm x 191mm x 3658mm).
 2. Base - Small: 3/16 inch deep by 4 inches tall by 144 inches long (6mm x 102mm x 3658mm).

- B. Ven4ma Stiles and Rails:
 1. Vertical Stiles: 3/16 inch deep by 3 inches wide by 144 inches long (6mm x 76mm x 3658mm).
 2. Vertical Mullions: 3/16 inch deep by 1 1/2 inches wide by 144 inches long (6mm x 38mm x 3658mm).
 3. Top Cap: 1/4 inch deep by 1 1/2 inches wide by 144 inches long (8mm x 38mm x 3658mm).
 4. Top Rail: 1/4 inch deep by 3 inches wide by 144 inches long (8mm x 38mm x 3658mm).

- C. Finish:
 1. Finish: 02 Natural Anigre
 2. Finish: 08 Honduras Mahogany
 3. Finish: 13 Maple
 4. Finish: 32 Driftwood
 5. Finish: 100 Authentic Apple
 6. Finish: 101 Sienna Walnut
 7. Finish: 102 Natural Cherry STF
 8. Finish: 103 Wenge STF
 9. Finish: 104 Antique White STF
 10. Finish: 105 Autumn Walnut
 11. Finish: 106 Riva
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 13. Finish: 108 Memento
 14. Finish: 109 Cosmo Plum
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 16. Finish: 912 Amber Cherry

- D. Finish:
 1. Wainscot Trim SPE.WT-**-10 (7/8" x 1/8" x 120")
 2. Inside Corner SPE.IC-**-10 (1/2" x 3/4" x 120")
 3. Outside Corner 90 Degree SPE.OC.90-**-10 (1/2" x 3/4" x 120")
 4. Vertical Trim SPE.VT-**-10 (11/16" x 1/8" x 120")
 5. Outside Corner 135 Degree SPE.OC.135-**-10 (1/2" x 2" x 120")

- E. Finish:
 - 1. Finish: P11C White
 - 2. Finish: 9226C Putty
 - 3. Finish: 9080C Light Gray
 - 4. Finish: 2330C Mid Gray
 - 5. Finish: 401C Dark Gray
 - 6. Finish: 7504C Rusty Brown
 - 7. Finish: 2335C Dark Brown

2.4 OUTSIDE CORNER TRIM

- A. Ven4ma Corner Trim - Medium: 0.040 inch (1.016mm) thick by 1 inch by 1 inch by 120 inches (25mm x 25mm x 3048mm).
- B. Ven4ma Corner Guard – Large 0.040 inch (1.016mm) thick by 2 inches by 2 inches by 120 inches (51mm x 51mm x 3048mm).
- C. Finish:
 - 1. Finish: 02 Natural Anigre
 - 2. Finish: 08 Honduras Mahogany
 - 3. Finish: 13 Maple
 - 4. Finish: 32 Driftwood
 - 5. Finish: 100 Authentic Apple
 - 6. Finish: 101 Sienna Walnut
 - 7. Finish: 102 Natural Cherry STF
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 - 16. Finish: 912 Amber Cherry

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine wall conditions before beginning installation; verify dimensions and acceptability of wall conditions.
- B. Do not proceed with installation until unacceptable conditions have been corrected.
- C. 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. Inspect Ven4ma products prior to installing each unit. Do not install defective or damaged lengths. Install all products in accordance with manufacturer's printed installation instructions.
- B. Cut molding to desired lengths using a power radial saw with a 64-tooth triple-chip carbide tipped blade. Cut miter joints, scarf joints, butt joints, etc. according with the standards of the Architectural Woodwork Institute, manufacturer's printed installation instructions, and as field conditions require.
- C. Install Ven4ma components using a panel adhesive recommended for use on polymer moldings to adhere to wall surfaces. Allow for sheet expansion according to manufacturer's written instructions.
- D. Fill all gaps or open joints with matching wax putty sticks and/or colored caulk provided by the manufacturer. Wipe off excess wax putty with a clean rag and naphtha solvent. Wipe off excess caulk with a clean dampened rag.
- E. Install securely, straight and level, plumb and true, in proper location.
- F. Do not sand or apply any other finish to molding or protective sheet.

3.4 ADJUSTING AND CLEANING

- A. Should staining occur, clean with as mild a cleaning agent as possible. Warm soapy water or dishwashing detergent is adequate in removing most stains. Alternatively, standard household cleaners such as Windex, Pine-sol, denatured or rubbing alcohol may be used to remove stains without affecting the texture or appearance of the surface.
- B. If stains cannot be removed using the aforementioned methods, remove the damaged section and replace prior to project closeout.
- C. Clean dirt from surface of installed products, using mild soap and water or denatured alcohol.
- D. After completing installation of molding, remove excess materials and debris resulting from installation of molding and sheet 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