

This specification is based on pre-finished SpecTrim® molding and trim as manufactured by:

T. C. Millwork, Inc.

600 Center Avenue

P.O. Box 826

Bensalem, PA 19020

PH - 215-245-4210

FX – 215-245-8704

SpecTrim® molding products are designed for use in commercial, institutional, retail, hospitality, and residential applications.

SECTION 06450

STANDING AND RUNNING TRIM

PART 1 GENERAL

1.1 SECTION INCLUDES

** NOTE TO SPECIFIER ** Delete items below not required for project. Edit to describe work required

A. Standing and Running Trims installed in the following locations:

1. Walls at ceiling locations shown on plans reflected ceiling plans, and elevations.
2. Wall locations shown on plans and elevations.
3. Base locations shown on floor finish drawings.
4. Door locations shown on drawing, elevations, door and partition details.
5. Miscellaneous locations shown on plans, elevations, casework, millwork, and details drawings.

- B. Pre-finished simulated wood molding.
- C. Pre-finished simulated wood paneling.
- D. Miscellaneous pre-finished trim.

1.1 RELATED SECTIONS

** NOTE TO SPECIFIER ** Delete any sections below not relevant to this project; add others as required.

- . Section 06100 – Rough Carpentry; Framing and Sheathing
- . Section 06105 – Miscellaneous Carpentry
- . Section 06090 – Wood and Plastic Fastenings
- . Section 06402 – Interior Architectural Woodwork

1.2 REFERENCES and Testing Methods

- A. ASTM D – 638 – Tensile strength at yield of PVC film.
- B. ASTM D – 638 – Elongation at break of PVC film.
- C. ASTM D – 638 – Maximum flexural strength of PVC film.
- D. ASTM D – 790 – Modulus of elasticity of PVC film,
- E. ASTM D – 695 – Compressive strength of PVC film.
- F. ASTM D – 256 – Izod impact strength of PVC film.
- G. JISK – 6734 – Heat softening temperature.
- H. JISK – 6734 – Heat shrinkage.
- I. JISK – 7102- Weather ability
- J. ASTM D – 453 – Chemical resistance
- K. JISK – 5400 – Scratch resistance
- L. ASTM D – 1037- 87 – Properties of Wood base fiber panel material.

1.3 SUBMITTALS

- A. Submit samples in accordance with Section 01300.
- B. Product Data: Submit 2 sets of manufacturer's literature or 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. Samples: 12 inch (305 mm) Long samples of each molding profile, with finish specified. If finish sample is unavailable, the finish PVC decorative film coating may be submitted (8" x 10") for each specified finish, accompanied by a 12" long sample of a similar finished molding for quality and substrate approval.
- D. Maintenance data
- E. WARRANTY
 - 1. When properly installed by a skilled carpenter, SpecTrim[®] molding is warranted no less than 1 year from the date of installation against de-lamination. Surface finishes are warranted against color fade for a period of 5 years.
 - 2. Warranty claims must be accompanied by proof of purchase, as well as details regarding the nature of the problem, location of the molding, etc.
 - 3. This warranty does not include any conditions or damages resulting from accidents, alterations, misuse, abuse, motorized devices, or failure to follow our instructions with respect to measurement, installation, cleaning or maintenance. This warranty also does not cover any condition or damage resulting from removal and/or reinstallation of the moldings. This warranty also does not apply to conditions caused by normal wear and tear upon the product.

1.4 DELIVERIES, 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 indoors. Product shall be stored in a dry, temperature controlled area. Storage area is to maintain temperatures between 65 – 80 degrees Fahrenheit and a relative humidity between 25-55%. Products are to be placed in the installation area no less than 48 hours prior to installation to adjust to environmental conditions.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Pre-finished SpecTrim[®] molding and trim as manufactured by:

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www.tcmillwork.com. www.spectrimbp.com

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

2.2 MATERIALS

- A. Product Description:

1. SpecTrim[®] molding and trim is a pre-finished wood molding that has a decorative and protective film surface that is 12 to 16 mil thick. The PVC decorative surface film, in the specified finish, is factory applied with adhesive under heat and pressure to an MDF (medium density fiberboard) core that has been molding into the specified shape.
2. Substrate shall be Synergite[®] Medium Density Fiberboard as manufactured by Georgia-Pacific, or equal.
3. Touch-up material: Manufacturer shall provide wax putty fill sticks to match each specified finish, for installation touch-up and fill. Provide quantity sufficient to complete all specified work.

** NOTE TO SPECIFIER ** The following is an example of the style information required to provide the specified SpecTrim[®] product. If product is custom, specifier should reference the specified trim, size, and finish.

B. Product Types:

1. Style: Contemporary, Model #TCC-251 Medium Crown 1 1/8" x 5 13/16",
Finish #13 Maple.
2. Style: _____.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Examine wall conditions before beginning installation of SpecTrim[®] molding products; verify dimensions and acceptability of wall conditions.

- B. Do not proceed with installation of SpecTrim[®] molding products until unacceptable conditions have been corrected.

3.2 INSTALLATION

- A. SpecTrim[®] molding products are to be placed in the installation area no less than 48 hours prior to installation to adjust to environmental conditions.
- B. Inspect SpecTrim[®] molding products prior to installing each length. Do not install defective or damaged lengths. Install SpecTrim[®] molding products in accordance with manufacturer's printed installation instructions.
- C. Cut SpecTrim[®] molding to desired lengths using a power radial saw with a carbide tipped blade. Cut miter joints, scarf joints, butt joints, etc. according with the standards of the Architectural Woodwork Institute and as field conditions require.
- D. Install SpecTrim[®] molding using a panel adhesive for use on wood moldings to adhere to wall surfaces, and an 18 gauge power nail gun to hold molding in place. When conditions do not permit nailing, use trim screws to attach to wall framing. Counter sink all screw heads.
- E. Fill all fastener holes and open joints with matching wax putty sticks provided by the manufacturer. Wipe off excess wax putty with a clean rag and denatured alcohol.
- F. Install securely, straight and level, plumb and true, in proper location.
- G. Protect installed products until completion of project
- H. Do not sand or apply any other finish to SpecTrim[®] molding.

3.3 ADJUSTING AND CLEANING

- A. SpecTrim[®] molding has proven to be extremely resistant to staining and is very easy to clean once it has been installed. When staining does occur, it is generally recommended to start with as mild a cleaning agent as possible. In many cases,

warm soapy water or dishwashing detergent is adequate in removing stains.

Alternatively, standard household cleaners such as Windex, Pine-sol, and rubbing alcohol will remove most stains without affecting the texture or appearance of the surface.

It is not recommended using highly concentrated solvent-based chemicals such as gasoline, acetone, M.E.K., ethyl acetate or toluene. However, if applied with a cloth in very small quantities and quickly wiped away, these solvents have proven safe and effective in removing the most difficult stains such as permanent ink. It is strongly recommended that a test area be cleaned prior to using such strong solvents in highly visible areas.

- B. Clean dirt from surface of installed products, using mild soap and water.
- C. After completing installation of SpecTrim[®] molding, remove from project site excess materials and debris resulting from installation of SpecTrim[®] molding products.

END OF SECTION