

PART 1 – GENERAL**1.01 SUMMARY**

- A. Wall covering system for wall protection and decoration.

1.02 SECTION INCLUDES

- A. **WC-1B** Wall Cover

1.03 REFERENCE

- A. National Building code of Canada (NBC)
- B. National Fire Protection Association (NFPA)
- C. American Society for Testing and Materials (ASTM)
- D. Underwriters Laboratories (UL)

1.04 SUBMITTALS

- A. Manufacturer's printed product data and detailed for the specified system.
- B. Detail Drawings with the appropriate adhesives for specific substrates.
- C. Samples: Verification samples of Wall Covering, 8" (203mm) x 8" (203mm) size and color indicated.
- D. Manufacturer's Method Statement: Printed method statement for wall covering.
- E. Maintenance data for wall cover system for inclusion in the operating and maintenance manuals.

1.05 QUALITY ASSURANCE

- A. Manufacturer's: Furnish wall protections from one single manufacturer.
- B. Installer: Firm with not less than three (3) years of successful experience in the installation of systems similar to those required by this project and acceptable to the manufacturer of the system.
- C. Chemical and stain resistance: Provide wall protection system with chemical and stain resistance in accordance with applicable provisions ASTM D543.
- D. Color consistency: Provide components matched in accordance with SAE J-1545-(Delta E) with a color difference no greater than 1.0 units using CIE Lab, CIE CMC, CIE LCh, Hunter Lab or similar color space scale systems.
- E. Single source responsibility: Provide all components of the wall cover system manufactured by the same company to ensure compatibility of color, texture and physical properties.

1.06 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in clearly with a manufacturer labeled and unopened factory packs.
- B. Store materials in the original, undamaged packaging in a clean, dry place away from direct sunlight covered location.
- C. Materials must be stored horizontally.

1.07 PROJECT CONDITIONS

- A. Materials must be acclimatized on site for at least 24 hours prior to beginning the installation.
- B. Environmental Requirements: Products must be installed in an interior climate-controlled environment.

1.08 WARRANTY

- A. Standard Prospec Specialist Inc. limited warranty against material and manufacturing defects for a period of not less than three (3) years when installed in accordance with manufacturer's recommendations.

Part 2 – PRODUCTS**2.01 MANUFACTURER**

- A. Prospec Specialties Inc.
3601 Highway 7, Suite 400
Markham ON L3R 0M3,
Canada
- B. Substations: Not Permitted
- C. Provide wall covering from a single source.

2.02 MANUFACTURED UNIT

- A. Wall Covering Profile
 - 1. **WC-1B** Wall Cover, 4' (1.2m) x 8' (2.4m) x 0.06" (1.5mm).

2.03 MATERIALS

- A. Wall Cover PVC-free Rigid sheet: Nominal 0.04" (1mm), 0.06" (1.5mm) thick rigid sheet supplied in 4' (1.2m) x 8' (2.4m) sheet size. Specify color-matched caulk, clear caulk, Aluminum trims as needed for joints/transitions.
- B. Aluminum: Optional aluminum trims to be alloy 6063 T5 with clear or colored anodized finish; minimum strength and durability properties as specified in ASTM B221. The colored anodized finish is available.

2.04 FABRICATION

- A. Fabricate wall covering to comply with requirements indicated for design, dimension, detail, finish and sizes.

2.05 FINISHES

- A. Color or pattern of wall cover to be selected by the architect from Prospec color chart.

2.06 ACCESSORIES

- A. Wall covering shall be furnished as a complete packaged system, including appropriate standard adhesive.
- B. Primer, Caulk and Aluminum Trims as needed.

Part 3 - EXECUTION**3.01 EXAMINATION**

- A. Examine areas and conditions in which work is to be performed.
 - 1. Complete all finishing operations, including painting or ensure any surface coatings are fully dry and cured before beginning installation.
- B. Wall surface shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION

- A. Prior to installation, clean substrate to remove dust, debris and loose particles.
- B. Perform additional preparation procedures as required by manufacturer's method statement.

3.03 INSTALLATION

- A. Install in accordance with the manufacturer's instructions using approved adhesive.
- B. Temperature at the time of installation must be between 65-75°F (18-24°C) and be maintained for at least 48 hours after the installation to allow for proper adhesive set-up.
- C. Relative humidity shall not exceed 80%.
- D. Do not expose wall covering to direct sunlight during or after installation.

3.04 PROTECTION AND CLEANING

- A. Protect installed materials to prevent damage by work of others. At completion of installation, clean surfaces in accordance with cleaning and maintenance.