

PART 1 – GENERAL**1.01 SUMMARY**

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

1.02 SECTION INCLUDES

- A. WC-10 (Proteger Wall Covering)
- B. WC-15 (Proteger Wall Covering)
- C. WC-25 (Proteger Wall Covering)

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, 200mm (8") x 200mm (8") 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. Passed Anti-Fungal Anti-Microbial Test as per ASTM G 21
- B. Passed Chemical Resistance Test as per ASTM D 2240.
- C. Passed Chemical Resistance Test as per ASTM D543.
- D. Passed Flame Resistance Test as per UL 94.
- E. Passed Impact Resistance Test as per ASTM E 2486.
- F. Passed Smoke and Spread of Flame Test as per ASTM E 84.
- G. Single source manufacturer.
- H. Installation / Method Statements available for successful installation.
- I. Color consistency 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.

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.
100-1075 North Service Rd. W, Oakville,
On L6M2G2, Canada
- B. Substations: Not Permitted
- C. Provide wall covering from a single source.

2.02 MANUFACTURED UNIT

- A. Proteger Wall Covering Profile
 - 1. WC-10 : 1.0mm (0.04") x 1200mm (4') x 2400mm (8')
 - 2. WC-15 : 1.5mm (0.06") x 1200mm (4') x 2400mm (8')
 - 3. WC-25 : 2.5mm (0.10") x 1200mm (4') x 2400mm (8')

2.03 MATERIALS

- A. Wall Cover Semi-Rigid sheet: Nominal 1.0mm (0.04"), 1.5mm (0.06"), 2.5mm (0.10") thick rigid sheet supplied in 1.2m (4') x 2.4m (8') 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. Contact Prospec for adhesive.
- B. Contact Prospec for installation accessories such as end-caps, dividing strips and in-side/out-side corners.

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.