

Section 10264
WALL COVERING
WallGuard.Com — New Frontier Wall Covering

Notes have a line above and below them and are in bold type like this. They give instructions for the use of sections in this specification. To remove them simply select the objects and delete them.

This section is based on New Frontier Wall Covering by WallGuard.Com LLC, at the following address:

P.O. Box 1109
Dover Plains, NY 12522
Telephone: Toll Free 1-877-WGDOTCOM (877-943-6826)
Fax: Toll Free 1-877-WGDOTFAX (877-943-2926)
Email: sales@wallguard.com Web Site: <http://www.wallguard.com>

Designed for maximum area protection, New Frontier wall cover panels are made of an acrylic/PVC alloy in 4 ft. by 8 ft. sheets and in three standard gages. The panels have a fine hair cell pattern on the exposed side to soften glare and light reflection. A complete range of matching accessories provide a completely coordinated look.

PART 1 GENERAL

1.1 SECTION INCLUDES

Delete items below not required for project.

- A. High impact acrylic/PVC wall covering.
- B. Adhesive, accessories, and trim.

1.2 RELATED SECTIONS

Delete any sections below not relevant to this project; add others as required.

- A. Section 06200 - Finish Carpentry.
- B. Section 06410 - Custom Casework.
- C. Section 09260 - Gypsum Wallboard Systems.
- D. Section 09955 - Wall Coverings: Conventional finishes.

1.3 REFERENCES

Delete references from the list below that are not actually required by the text of the edited section.

- A. ASTM D 543 - Standard Test Method for Resistance of Plastics to Chemical Reagents.
- B. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- C. ASTM D 732 - Standard Test Method for Shear Strength of Plastics by Punch Tool.
- D. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.

1.4 PERFORMANCE REQUIREMENTS

- A. Surface Burning Hazard: Tested per ASTM E 84 for Class A ratings.
- B. Shear Strength: 4,500 psi, per ASTM D 732.
- C. Tensile Strength: 6,000 psi, per ASTM D 638.
- D. Chemical Resistance: Type I, Grade 2, per ASTM D 543.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's complete and current product data, including installation instructions.
- C. Selection Samples: Color charts consisting of actual product pieces, illustrating full range of colors and textures available, for initial color selection.
- D. Verification Samples: 12 inch by 12 inch samples, including typical accessory, in each color specified.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: A company experienced in performing the work of this section, and approved by wall covering manufacturer.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver to project site in manufacturer's packaging, properly labeled.

B. Store materials flat in a clean, dry area.

1.8 ENVIRONMENTAL REQUIREMENTS

A. Maintain storage temperature at or above 50 degrees F.

B. Acclimatize materials and bring surfaces to receive wall covering to a temperature between 65 and 85 degrees F for not less than 24 hours prior to installation.

C. Maintain relative humidity at 80 percent or less during installation.

D. Do not expose walls to direct sunlight for 48 hours after installation.

1.9 MAINTENANCE MATERIALS

A. Provide maintenance materials comprising 5 percent of each type of wall covering installed, for Owner's use.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Provide New Frontier Wall Covering by WallGuard.Com LLC; P.O. Box 1109; Dover Plains, New York 12522. Telephone: 1-877-943-6826. Fax: 1-877-943-2926. Email: sales@wallguard.com Web Site: <http://www.wallguard.com>.

1. Substitutions will not be considered.

2.2 PRODUCTS

Select desired thickness, sheet size, and color required from options below, and delete those not required. If more than one type is required, include schedule at the end of this section or on the drawings.

A. **2400 Wall Covering:** Rigid, high-impact acrylic/polyvinyl chloride sheet.

1. Thickness: 0.028 inch.

2. Thickness: 0.040 inch.

3. Thickness: 0.060 inch.

4. Thickness: 0.093 inch.

5. Thickness: 0.125 inch.

6. Sheet size: 4 feet x 8 feet.
7. Sheet size: _____ .
8. Color: As selected from manufacturer's standard colors.
9. Color: As selected from manufacturer's custom colors.
10. Color: As selected from manufacturer's contract colors.
11. Color: As scheduled on the drawings.
12. Color: _____ .

2.3 ACCESSORIES

- A. Provide all necessary trim members in high-impact acrylic/polyvinyl chloride matching wall covering except as otherwise indicated. Provide the following in standard lengths:
 1. Top caps: "J" molding.
 2. Joint covers: "H" divider.
 3. Inside corners.
 4. Outside corners.
- B. Adhesives: As recommended or supplied by manufacturer of high impact wall covering.

PART 3 EXECUTION

3.1 PREPARATION

- A. Verify that walls are in proper condition to receive installation of high impact wall covering.
- B. Verify that environmental conditions specified in PART 1 have been achieved and can be maintained.
- C. Review manufacturer's written Installation Instructions and/or Instructional Video prior to proceeding with installation.

3.2 INSTALLATION

- A. Install high impact wall covering in full compliance with manufacturer's installation instructions.
- B. Apply two coats of adhesive to wall surfaces and one coat to back of wall covering. Adhesive must be dry and tacky to the touch before panels are placed.
- C. Install panels with expansion gap of 1/16 inch between sheets, at door frames, baseboards, and other fixed elements. Cut oversized holes when installing fixtures through wall covering.

3.3 ADJUSTING AND CLEANING

- A. Verify that sheets and accessories are level and plumb and rigidly secured to substrate; make any adjustments required.
- B. Clean wall covering and accessories of adhesive and other surface blemishes, using materials and methods recommended by manufacturer. Remove from project site packaging and debris caused by installation.

END OF SECTION