Duet™ Wall Panels provide wall protection for commercial interior settings that not only require strong design elements, but also demand high sanitary standards - including moisture, mold and mildew resistance. This hard-working, easy-to-clean surface solution can help satisfy most any design vision by using digital printing, high quality inks and a scratch-resistant coating. Available in 10 standard and infinite custom designs, Duet™ panels easily fit with any interior style. For more information, please visit our website www.panolam.com or call 866-925-4377.

SECTION 097720 FIBERGLASS REINFORCED WALL PANELS

SECTION 102600 - WALL AND DOOR PROTECTION

PART 1 - GENERAL

1.1   SUMMARY

A.   Section includes:

1. Provide Duet™ Wall Panels for wall [and ceiling] applications.
2. Accessories, including adhesives and sealants.

B.   Related Sections: Coordinate with Work of other sections including the following:

1. Section 092900 – Gypsum Board.
2. Section 096513 – Resilient Base.
3. Section 102600 – Wall Protection System.

1.2   SUBMITTALS

A.   Product Data: Submit manufacturer's literature including product characteristics, accessories and limitations.

B.   Selection Samples: Submit samples of colors and finishes if requested by Architect.

C.   Verification Samples: Submit samples of materials selected specified to verify color and finish.

D.   Industry Certifications and Standards: Submit copy of documentation indicating compliance.

1.3   QUALITY ASSURANCE

A.   Manufacturer: Minimum of 5 years experience manufacturing similar products.

1.4   DELIVERY, STORAGE AND HANDLING

A.   Deliver materials and products in unopened factory labeled packages. Store and handle in strict compliance with manufacturer's instructions and recommendations.

1.5   WARRANTY

A.   Manufacturer's Warranty: Provide manufacturer's standard warranty against defects in manufacturing.

PART 2 - PRODUCTS

2.1   DUET™ WALL PANELS

A.   Manufacturer: Panolam Industries International, Inc., One Corporate Drive, Suite 725, Shelton, CT 06484. Tel: 877-726-6526. Web: www.panolam.com. Panels shall comply with the following:

1. Color and Finish: As selected by Architect from manufacturer's 10 standard colors or custom design.
2. Surface Texture: [Smooth.]
3. Fire Rating ASTM E 84: [Class C.]
4. Sustainability, Indoor Air Quality: GREENGUARD Gold Certifi cation.
5. Thickness: [0.075 inches. (1.9 mm)]
6. Barcol Hardness ASTM D2538: 35 typical.
7. Water Absorption ASTM D570: 0.2 percent typical.
8. Accessories: Color matched dividers, outside corners, inside corners and end caps.
9. Adhesive: As recommended by manufacturer.

PART 3 - EXECUTION

3.1   EXAMINATION

A.   Examine substrates for compliance with requirements for installation tolerances and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2   INSTALLATION

A.   Install products in strict accordance with manufacturer's instructions and approved submittals.

1. Clean substrate of dirt, dust, waxes, and other bond breaking substances prior to beginning installation.

2. Install panels with bottom edge located to clear top of resilient base.

3. Apply adhesive uniformly using adhesive manufacturers recommended trowel to the entire back of panels completely to the edge (100% coverage).

4. Lay Duet™ panels in place leaving approximately 1/8 inch between panels and 1/4 inch space top and bottom.

5. Follow adhesive manufacturer's recommendations for set and application times.

6. Apply pressure to entire panel face with laminate type roller, removing trapped air and ensure proper adhesion between surfaces.

3.3   ADJUSTING AND CLEANING

A.   Replace installations out of plumb and not aligned with adjacent panels and construction.

B.   Clean panel face to remove soiling, stains, dust, and dirt using clean rags, and cleaning agents as instructed by manufacturer.

C.   Leave installation clean, free of residue and debris resulting from work of this Section.

END OF SECTION