

Pionite® ThruColor™ High Pressure Laminate (HPL) is the color-through laminate that provides continuous color even on the edges of your finished product. Using a patented process, ThruColor™ HPL gives your design the flexibility to use the edge of your product to enhance its overall appearance. ThruColor™ HPL is also available in multi-toned or sandwich colors that can provide interesting banding, engraving and groove techniques. For more information, please visit our website www.pionite.com or call 877-726-6526.

SECTION 064027

COLOR-THROUGH LAMINATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide color-through laminates for interior horizontal and vertical surfaces.
- B. Related Sections: Coordinate with work of other sections including the following:
 - 1. Section 062023 – Interior Finish Carpentry.
 - 2. Section 064116 – Plastic Laminate Faced Architectural Cabinets.
 - 3. Section 064219 – Plastic Laminate Faced Wood Paneling.
 - 4. Section 066400 – Plastic Paneling.
 - 5. Section 102113 – Plastic Laminate Clad Toilet Compartments.
 - 6. Section 105123 – Plastic Laminate Clad Lockers.
 - 7. Section 123216 – Manufactured Plastic Laminate Faced Casework.
 - 8. Section 123553 – Plastic Laminate Clad Laboratory Casework.
 - 9. Section 123623 – Plastic Laminate Clad Countertops.

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 COLOR-THROUGH LAMINATES

- A. Manufacturer: Panolam Industries International, Inc., 1 Corporate Drive, Suite 725, Shelton, CT 06484. Tel: 877-726-6526, Fax: 203-225-0050. Web: www.panolam.com. Panels shall comply with the following:
1. Sheet Thickness: 0.028 inches (0.711 mm) typical; thickness up to 1 inch (25 mm) available.
 2. Sheet Width: As selected from manufacturer's standard widths of 30 inches (762 mm), 36 inches (914 mm), 48 inches (1219 mm), and 60 inches (1524 mm).
 3. Sheet Length: As selected from manufacturer's standard lengths of 96 inches (2438 mm), 120 inches (3048 mm) and 144 inches (3658 mm).
 4. Adhesive: Clear drying adhesive such as white glue (PVA), clear epoxy or equivalent as recommended by manufacturer.
 5. Colors and Patterns: As selected from manufacturer's offering. Check with manufacturer for product availability.

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. Follow adhesive manufacturer's recommendations for set and application times.
 3. 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

COLOR-THROUGH LAMINATES
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