

Pionite® High Pressure Laminate (HPL) come in a vast array of colors, wood grains, abstracts, finishes and custom prints making this an ideal surface for almost any horizontal or vertical application. Our extensive palette, quality manufacturing standards and innovative style makes it the first choice for many designers. Having over a dozen specialty products and treatments, you'll find the exact material to match your environment's needs. For more information, please visit our website www.panolam.com, call 877-726-6526 or visit www.pionite.com.

SECTION 064025

HIGH PRESSURE LAMINATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Provide high pressure laminates (HPL) 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 HIGH PRESSURE 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. General Purpose Grade: HGS complying with NEMA LD3.
 2. Horizontal Grade: HGL complying with NEMA LD3.
 3. Horizontal Forming Grade: HGP complying with NEMA LD3.
 4. Vertical Forming Grade: VGP complying with NEMA LD3.
 5. Sheet Thickness: As selected from manufacturer's standard thicknesses. HGS 0.048 (1.2 mm); HGL 0.039 inches (1.0 mm); HGP 0.039 inches (1.0 mm); VGP 0.028 inches (0.7 mm).
 6. 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).
 7. Sheet Length: As selected from manufacturer's standard lengths of 96 inches (2438 mm), 120 inches (3048 mm) and 144 inches (3658 mm).
 8. Color and Texture: As selected by architect from manufacturer's full range.
 9. Adhesive: Types 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. 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

HIGH PRESSURE LAMINATES
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