

SECTION 064029

THICK PHENOLIC CORE COMPACT LAMINATE PANELS

PART 1 - GENERAL 1.1 SUMMARY

- A. Provide thick phenolic core laminate panels 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.

CompactWood LLC, 2825 Commerce Parkway, North Port, FL 34289. Tel: 855.295.2206
www.compactwood.com

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 THICK PHENOLIC CORE LAMINATE PANELS

A. Manufacturer: CompactWood LLC, 2825 Commerce Parkway, North Port, FL 34289. Tel: 855.295.2206 www.compactwood.com. Panels shall comply with the following:

1. Laminate Material: Complies with NEMA LD3 for Type CGS high pressure laminates.
2. Standard Grade: Compact laminate with [black] [brown] core and finish options selected.
3. Fire-Rated Grade: Compact laminate with Class A fire rating, with brown core and finish options selected.
4. Chemical-Resistant Grade: Compact laminate with [brown] [black] core engineered to resist acids, bases, solvents, and chemical re-agents.
5. Sheet Thickness: As selected from manufacturer's standard thickness of 1/4 inch (6 mm), 3/8 inch (9 mm), 1/2 inch (12 mm), 3/4 inch (19 mm) or 1 inch (25.4 mm) thickness with a tolerance of plus or minus 5 percent.
6. Sheet Width: Manufacturer's standard width of 51 inches (1300 mm)
7. Sheet Length: Manufacturer's standard lengths of 120 inches (3050 mm)
8. Surface Texture: As selected by Architect from manufacturer's full range.
9. Edge Finishing: Sand with 80 grit coarse sandpaper followed by 180-220 grid fine sandpaper to provide a smooth appearance to edges.

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