InteriorArts is a complete collection of HPL design laminates from the same company that offers Chemetal and Treefrog Veneer, two product lines that are known for quality design materials and excellent sales and customer service. InteriorArts features many textured and unique designs that users won't find anywhere else. GREENGUARD-certified, InteriorArts is sold in 4 x 8 foot sheets through our nationwide distributor network, or direct where there is no distributor. Non-postforming. Please contact us for sales information and samples.

Note to Specifier: This section is provided in CSI Masterformat for use in project specifications. Delete types not required and edit to your project requirements before issue.

SECTION 097200

HPL LAMINATES

PART 1 - GENERAL

- 1.1 DESCRIPTION OF WORK
 - A. Work Included: HPL laminates for interior spaces.
 - B. Related Work: The following items are not included in this Section and are specified under the designated Sections:
 - 1. Section 062000 Finish Carpentry.
 - 2. Section 064000 Architectural Woodwork.

1.2 SUBMITTALS

- A. Product Data: Submit for each product indicating materials, dimensions, profiles, textures and colors. Include installation instructions.
- B. USGBC LEED Submittals: Submit manufacturer's documentation for products which contribute to LEED Credits for the following:
 - 1. GREENGUARD certification.
 - 2. Low-emitting adhesives and sealants.
- C. Verification Samples: Submit two representative samples of specified products.

1.3 QUALITY ASSURANCE

- A. Installer: Minimum 2 years installing similar products.
- B. Mock-Ups: Build mock-ups to demonstrate esthetic effects and workmanship. Accepted mockups may remain in place.
- C. Fire Performance for HPL Materials: ASTM E84 Class A, flame spread index of 20, smoke developed index of 35.
- 1.4 DELIVERY, STORAGE, AND HANDLING
 - A. Delivery: Deliver materials in unopened, undamaged containers with identification labels intact.
 - B. Storage and Handling: Comply with manufacturer's recommendations for storage and handling. Store flat and not on edge. Protect from weather damage.

1.5 GENERAL WARRANTY

A. Manufacturer's Warranty: In the production of metal designs and laminates some surface irregularities and color and pattern variations will appear. We recommend that you inspect the material before cutting, laminating or using. If any material proves to be defective, Chemetal will be liable for the cost of that material only. No other warranty is expressed or implied.

PART 2 - PRODUCTS

- 2.1 HPL LAMINATES
 - A. Basis-of-Design: InteriorArts, 39 O'Neill Street, Easthampton, MA 01027, tel. 800 807-7341, email sales@ialaminates.com
 - B. InteriorArts Series:
 - 1. InteriorArts Number: _____.
 - 2. InteriorArts Name: ____
 - 3. Thickness: [0.028 inches] [0.034 inches].
 - 4. Sustainability: GREENGUARD certified.
 - C. Accessory Materials:
 - 1. Edgebanding Frama Tech, 800-622-9663 or Summa Solutions, 803-792-5685.
 - 2. Adhesives as acceptable to manufacturer.
 - D. Substrates and Balancing Sheets:
 - 1. HPL must be laminated to MDF, HDF, better quality particleboard and very good quality plywood (Baltic Birch, for example).
 - 2. Do not apply directly to gypsum board (sheet rock), concrete or poor quality particle board.
 - 3. Balancing sheets of similar thickness and material are recommended for balanced construction to prevent warping.
 - E. Fabrication: Comply with manufacturer's recommendations for fabrication including the following:
 - 1. Condition materials to ambient conditions of the surrounding before use. Provide for circulation of air around the components.
 - 2. Conditioning temperature shall be approximately 75 degrees F (24 degrees C), at 45 to 55 percent relative humidity.
 - 3. Use saws, routers and belt sanders in accordance with manufacturer's recommendations.
 - 4. Remove protective mask as soon as application is complete.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine existing conditions to determine that they are suitable for installation. Proceed with installation only when unsatisfactory conditions have been corrected. Inspect sheet by peeling back corner of mask prior to fabrication.

3.2 INSTALLATION

- A. Pre-condition materials for a period of 5 to 7 days in the environment that they will be fabricated and installed in. Acclimatize for 48 hours as recommended by manufacturer. Clean substrates of projections and substances detrimental to application.
- B. Install units in accordance with manufacturer's instructions, approved submittals, and in proper relationship to adjacent construction.
 - 1. Some materials are supplied with directional arrows for ease of installation and maintaining a uniform appearance. If the sheet you purchased has an arrow, make sure that when the product is installed the arrows are facing the same direction.
 - 2. Remove protective mask after installation.

3.3 CLEANING

A. Clean surfaces using materials acceptable to manufacturer.

END OF SECTION