

Treefrog is a prefinished real wood veneer laminate that's ideal for vertical and light duty horizontal use in commercial and residential interior spaces. Treefrog is "recon" or engineered veneer. This process ensures that every sheet is nearly identical, making it ideal for larger spaces or multi-location installs where a consistent look is important. Treefrog is prefinished with a polyurethane topcoat, which helps eliminate concerns over how it will look when finished and installed. It is like a laminate with a real wood veneer surface instead of a décor paper.

Treefrog is sold in 4' x 8' and 4' x 10' sizes, depending on product. Treefrog is supplied on a laminate backer, which can make fabrication easier, especially for people familiar with laminate installation. Treefrog uses faster growing and more commonly occurring tree species to create the look and feel of more exotic species, without having to harvest these potentially endangered trees. FSC options, for a 10-20% premium and lead times.

To see more, go to [treefrogveneer.com](http://treefrogveneer.com) or call 800 807-7341 or email [sales@treefrogveneer.com](mailto:sales@treefrogveneer.com). Besides Treefrog, we offer two other product lines, Chemetal, metal design and laminates, and Interior Arts, a design focused HPL laminate.

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 097400

### WOOD VENEER LAMINATES

#### PART 1 - GENERAL

##### 1.1 DESCRIPTION OF WORK

- A. Work Included: Wood veneer 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. Pre-consumer and post-consumer recycled content.
  - 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 mock-ups may remain in place.
- C. Fire Performance: ASTM E84 Class B, flame spread index of 65, smoke developed index of 55.

#### 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 WOOD VENEER LAMINATES

- A. Basis-of-Design: Treefrog Veneer, 39 O'Neill Street, Easthampton, MA 01027, tel. 800 807-7341, fax 413-529-9898, email sales@treefrogveneer.com
- B. Treefrog Prefinished Series:
  - 1. Treefrog Number: \_\_\_\_\_.
  - 2. Treefrog Name: \_\_\_\_\_.
  - 3. Prefinished Thickness: 0.39 inches.
- C. Treefrog Unfinished Series:
  - 1. Treefrog Number: \_\_\_\_\_.
  - 2. Treefrog Name: \_\_\_\_\_.
  - 3. Unfinished Thickness: 0.20 inches.
- D. Accessory Materials:
  - 1. Edgebanding from Treefrog as provided by supplier in Italy, or Framatex 800-622-9663 or Summa Solutions 803-792-5685.
  - 2. Adhesives as acceptable to manufacturer.
- E. Substrates and Balancing Sheets:
  - 1. Wood veneer laminates 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.
- F. 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