



# Woodgrain Finish Selection Guide

ADVANCING THE SCIENCE OF AIR DISTRIBUTION



woodgrains





Sales Representatives get a first hand look at the woodgrain finish offering on display in the Titus Comfort Zone. The Spectrum diffuser is shown in several different finishes.

03 Overview

04 GRD Finishes

06 Fan Coils & the TAO Finishes

08 500 Series Finishes



## Overview – Woodgrain Finish Options

ENHANCING THE DÉCOR OF YOUR ARCHITECTURAL PROJECT

Finally, *the elegance of wood meets the durability of aluminum*, as Titus introduces its new line of woodgrain finishes.

Wood has long been the symbol of sophistication and cultivated beauty in furniture, fixtures, and architectural accoutrements. It can bring a unique warmth and beauty to any space.

Aluminum has been a tried and true element of air distribution, because of its flexibility, sturdiness, and the fact that it is very light weight.

These two ingredients can now be combined to create a truly singular aesthetic in our industry. The process is called sublimation.

### PREPARATION AND COATING

First, the raw aluminum surface receives a traditional pretreatment of a chemical conversion, creating a thin layer of amorphous oxide with coating. Electrostatic guns then apply a 2.5 mils layer of nonhazardous powder paint. The polymerization is done with a 400°F temperature for 20 minutes. The base coat ensures adequate hardness of the final product, and protects the aluminum from light, weather, abrasion, corrosion and humidity.

### DECORATION

Then, a preprinted film transfer with organic photosensitive pigments and cellulose resin is completely wrapped around the product. The profile is positioned on the surface of a movable trolley, and air is removed through a vacuum suction system. The result is a perfect thermoprint. The trolley is then placed in a special oven, where the decoration is effected, turning the ink pigments from solid into gas and back to solid inside the paint layer. After cooling, the film is removed. Combined with other breakthrough technologies we apply to the endeavor, this process accounts for why our system is a global leader in color coating quality. Additionally, the process can produce either a textured or smooth finish for most woodgrain choices, which results in more than 40 new finish options for Titus.





Models shown: OMNI / CT

The Titus OMNI and CT, long-standing staples of our architectural product offering, are now available with our exclusive wood grain option. The wide variety of standard wood grain finishes is durable and attractive, allowing the products to blend and compliment any décor.





Available Models:

- » CT linear products
- » OMNI
- » Spectrum

Note: Finishes can be specified on other Titus products; contact Titus for specific model availability

As LEED and GREEN continue to permeate the commercial building industry, building owners, architects and engineers are looking for new and environmentally responsible solutions for everyday building needs without sacrificing performance or aesthetics. Titus' woodgrain finishes offer an appealing substitute for wood and natural stone without harming the environment. Woodgrain finishes allow for conservation of our natural resources while also offering a durable cosmetic alternative to conventional finishes with low-to-no VOCs.

THE BENEFITS

This dye sublimation process provides a finish that realistically resembles wood and stone, and is durable enough to be used in high traffic architectural applications. In spaces where wood floors, ceilings or paneling are used, and architects would rather not see the required HVAC equipment, there are only a few options available such as using borderless installation methods, or paint and veneers which chip easily. The Titus woodgrain finishes are so real and natural looking, you have to touch them to recognize the difference; and durable enough to be used in any architectural application.

Unlike natural wood, Titus' woodgrain finishes are easy to clean and do not require the constant upkeep as wood products. They are available in either a smooth gloss or textured finish and will not deteriorate due

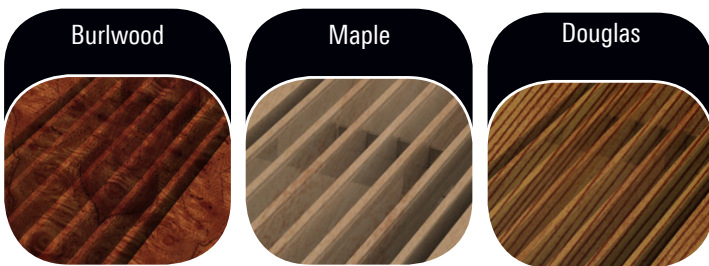
to moisture, temperature extremes or corrosion. And of course you will never have to worry about termites. They will give you the look of high end wood grains, marbles, and granites with the durability of powder coating.

Additionally, woodgrain finishes offer high resistance toward all atmospheric agents and are resistant to heat, acids, humidity, salt, detergents and UV. All of the powders used are made in a TGIC free super durable formulation and meet the performance requirements listed in AAMA 2603 and AAMA 2604-2.

As the architectural industry searches for alternative materials to meet the growing demand for LEED and GREEN builds, Titus is proud to say that we are the first commercial HVAC company to bring this cutting edge technology to the U.S. market.

Redefine your HVAC aesthetics with high-performance metal products that look like wood and stone. There is really no limit to what you can create when you redefine your comfort zone.

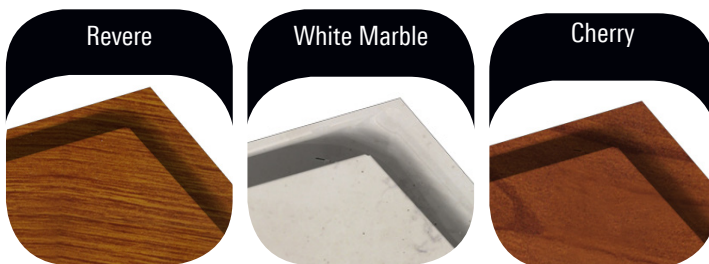
CT Examples:



Spectrum Examples:



OMNI Examples:







Rosen Shingle Creek Resort



Ala Moana Hotel

Models shown: VSR / VBA

The CBAF floor mounted chilled beam, the Vertical Stack Recess (VSR) exposed panels, the complete line of Vertical Series Fan Coil cabinets 200-1200 cfm (VBA, VBF) and decorative panels used with the concealed units (VBC) are available with either marble or wood finish.



Available Models:

- » TAO
- » VSR
- » Exposed Vertical Stack
- » Vertical Series Fan Coil

Note: Finishes can be specified on other Titus products, contact Titus for specific model availability

WOODGRAINS & FAN COILS

The Vertical Stack Recess, the Exposed Vertical Stack and Vertical Series Fan Coil from Titus are offered with woodgrain and marble finishes options.

Where elegance, durability and performance are of prime importance the marble and wood finish discharge and return grill and the exposed fan coils from Titus make a great option for condominiums, hotels, hospitals and independent senior community.

Designed to provide the appearance of the beauty of furniture or high end natural stone to add warmth to the environment.

Features of the fan coil units include a variety of exposed cabinet styles from 200 -1,200 cfm range and capacity from ½ to 5 tons. Drop-in grilles for all the concealed unit are also available, in several styles.



\*Refer to the Color-Finish Selection Guide.

\*\*Supply grilles are painted to closely match woodgrain finish on doors

WOODGRAINS & DISPLACEMENT VENTILATION

Displacement ventilation is an ideal air distribution system to integrate into a building's interior design. Displacement ventilation diffusers can sit flush into walls and made to match the buildings color scheme. Titus' wood grain finishes can turn a basic diffuser into a beautiful panel that seamlessly blends into oak cabinetry.







541  
Amber Bamboo



542  
Amber Bamboo Textured



507  
American Nut



508  
American Nut Textured



523  
American Oak



524  
American Oak Textured



529  
Cherry



530  
Cherry Textured



505  
Dark Nut



506  
Dark Nut Textured



531  
Douglas



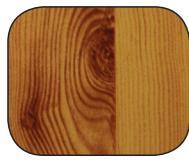
532  
Douglas Textured



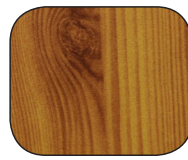
543  
Fine Wenge



544  
Fine Wenge Textured



513  
Knotty Pine



514  
Knotty Pine Textured



525  
Light Oak



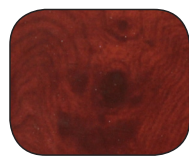
526  
Light Oak Textured



535  
Mahogany #1802



536  
Mahogany #1802 Textured



537  
Mahogany #2401



538  
Mahogany #2401 Textured



533  
Mahogany #2507



534  
Mahogany #2507 Textured

## WOODGRAINS

Woodgrain finishes may vary slightly from the samples shown and are available in smooth or textured finishes. Woodgrain coatings are corrosion resistant to 3000 hours in a salt spray test with a pencil hardness of F. Contact your Local Titus Representative for a woodgrain chip sample.





517  
Maple



518  
Maple Textured



527  
Mediterranean



528  
Mediterranean Textured



509  
Medium Grain



510  
Medium Grain Textured



521  
Oak



522  
Oak Textured



515  
Revere



516  
Revere Textured



519  
Revere Nevada



520  
Revere Nevada Textured



547  
Straight Cherry



548  
Straight Cherry Textured



503  
Walnut



504  
Walnut Textured



511  
Wide Grain



512  
Wide Grain Textured



539  
Australian Cypress



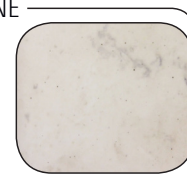
501  
Burlwood



545  
English Walnut



581  
Light Travertine



583  
White Marble

STONE











ADVANCING THE SCIENCE OF AIR DISTRIBUTION

605 Shiloh Rd.  
Plano, Texas 75074  
ofc: 972.212.4800  
fax: 972.212.4884  
web: [www.titus-hvac.com](http://www.titus-hvac.com)



woodgrains

Redefine your comfort zone.™ | [www.titus-hvac.com](http://www.titus-hvac.com)

 **Titus**  
Redefine your comfort zone.™