

Technical Data Sheet

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A. Product Design

1. Veneer Plank Core

The cores used in Paramount Linear Veneer Planks are sourced exclusively from Roseburg Forest Products' MDF product line. We will not use particle board in our fabrications due to its susceptibility to twisting, sagging, and warping.

a. Standard

Arries MDF is the standard core for Paramount Linear Veneer Planks. This product is NAF, meets ANSI A208.2 standards, and has an available EPD.

b. Class A

Mediate MDF is the standard core for Class A Paramount Linear Veneer Planks. This product is NAF, meets ANSI A208.2 standards, is Guardian Certified, and has an available EPD. This option is available upon request.

c. FSC

Both Arries and Mediate MDF can qualify for FSC Mix and FSC Controlled Wood credits. This option is available upon request.

2. Veneer

All Paramount Linear Veneer Planks feature phenolic-backed veneers. The thickness of all veneers surpasses AWI requirements, and a standard 1/32" veneer with a balanced backer will be applied to all products.

a. Grade

Paramount Linear Veneer Planks are fabricated using only Grade A veneers with a #1 Grade veneer as a balanced backer. (Typically, the same species is used on the face and backer)

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A. Product Design (Cont.)

b. Species

Red Oak serves as our most demographically cost-efficient hardwood. Other species are available upon request. Please be advised that additional lead times might exist for non-standard species. Standard species below;

Red Oak
Soft Maple
Hard Maple
Eastern White Pine

Alder
European Beech
Pecan
American Cherry

Hickory
Mahogany
Black Walnut
Poplar

Ash
Doug Fir (VG)
Natural Narrow Grain Bamboo
White Oak

3. Adhesive

Our Veneers are applied through a cold press technique which uses an Ultra-Low VOC adhesive from Titebond with a Reactive VOC rate of 2.4 g/l.

4. End Spline

Paramount Linear Veneer Planks feature end spline alignment joints to guarantee uniform consistency in end-to-end applications. Each plank comes with one spline included, and additional splines can be purchased upon request.

B. Product Standards/Options

1. Finish

Paramount exclusively uses Sher-Wood Hi-Bild® pre-catalyzed lacquer finish for all non-intumescent applications. Our manufacturing process incorporates lacquer-based finishes, known for their environmental consciousness, durability, and resistance to yellowing from ultraviolet light.

a. Standard

A 20% Satin sheen is standard for all products. This finish is moisture, solvent, and chemical-resistant. VOC: 5.18 lb/gal, 620 g/L less exempt solvents.

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B. Product Standards/Options (CONT.)

b. Low VOC

Sher-Wood LOVOC Lacquer is a nitrocellulose lacquer is formulated to meet federal HAPS regulations and proposed VOC limitations of 1.8 lbs/lb solids. VOC: **4.95lb/gal, 593 g/L 1.62 lbs VOC/lb** solids less exempt solvents.

c. Abuse Resistant

MagnaMax, a mar and scratch-resistant coating, is an option for all Paramount Linear Veneer Planks. This product is compliant with world E-1 standards, made with ultra-low formaldehyde, and is HAPS free. VOC: **625 ± 4 g/l or 5.22 ± .1lbs./gal.** less exempt solvents.

d. Intumescent (Class A)

Flame Control® intumescent varnish coating is available for achieving a Class A fire rating on all Paramount Linear Veneer Planks. Class B available upon request.

e. Stain Application

When applicable, a Minwax® Performance Series stain is applied using our custom colors or we can color match to achieve desired coloration.

2. Stiffened Chenille Felt

Paramount Linear Veneer Planks uses stiffened felt exclusively from Sutherland Felt Company. This polyester felt with low melt fibers offers continuous coloration throughout the application. This option is available upon request and comes in various colors.

3. Suspension Method

A heavy duty 9/16" or 15/16" T-grid system or an approved wood/metal frame substitute is required to suspend Paramount Linear Veneer Planks.

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B. Product Standards/Options (Cont.)

4. Sizing Configurations

Paramount Linear Veneer Planks are milled to 3/4" thick and fabricated to 4", 4-1/2", and 6" modular widths. A "No Reveal" option is also available for all product sizes.

TS-31495 = 3-1/4" x 95" with 3/4" felt reveal (4" modular width)
TS-31295 = 3-1/2" x 95" with 1/2" felt reveal (4" modular width)
TS-33495 = 3-3/4" x 95" with 1/4" felt reveal (4" modular width)
TS-3343495 = 3-3/4" x 95" with 3/4" felt reveal (4-1/2" modular width)
TS-51495 = 5-1/4" x 95" with 3/4" felt reveal (6" modular width)
TS-51295 = 5-1/2" x 95" with 1/2" felt reveal (6" modular width)
TS-53495 = 5-3/4" x 95" with 1/4" felt reveal (6" modular width)

C. Installation Requirements

1. Hangers

A #12 gauge hanging wire, or steel braided wires are a prerequisite for hanging Paramount Linear Veneer Planks.

2. Suspension

Paramount Linear Veneer Planks must be suspended by using a 15/16" heavy duty T-Grid system, or approved frame substitute.

3. Universal Clip

Channeled Linear Planks are fabricated using our custom interlocking tongue & groove design with an integrated C110 Universal Clip.

D. Shipping and Storage

Product will be packaged in 52"x98" (length to vary) crates constructed of O.S.B., with plywood reinforced corners. These crates will be attached to solid wood pallets, and will require the use of fork extensions when lifting with a forklift. Crates are approximately 2200lbs. each, and will come at a height of 48". Once unloaded, crates should be inspected for shipping damage, and reported on the BOL with the carrier. Products should be stored in the area of installation, for a period of no less than 72 hours prior to product installation. The interior climate shall not fall outside of the climatic range of 50°-100°F. during this period of acclimation.

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E. US Green Building Council Program (LEED v4.1)

LEED credits Paramount Linear Veneer Planks can provide, if applicable options are selected.

BD+C/BPD&O (Sourcing of Raw Materials) *2 possible points*

Use products sourced from at least three different manufacturers that meet at least one of the responsible sourcing and extraction criteria below for at least 15%, by cost, of the total value of permanently installed building products in the project (1 point).

Use products sourced from at least five different manufacturers that meet at least one of the responsible sourcing and extraction criteria below for at least 30%, by cost, of the total value of permanently installed building products in the project (2 points).

BD+C/BPD&O (Material Ingredients) *1 possible point*

For credit achievement calculation, products sourced (extracted, manufactured, purchased) within 100 miles (160 km) of the project site are valued at twice their base contributing number of products, up to a maximum of 2 products.

BD+C (Low Emitting Materials)- Adhesives and Finish *3 possible points*

At least 90% of all ceilings, by cost or surface area, meet the VOC emissions evaluation, OR inherently non-emitting sources criteria, OR salvaged and reused materials criteria.

The ceilings product category includes all ceiling panels, ceiling tile, surface ceiling structures such as gypsum or plaster, suspended systems (including canopies and clouds), and glazed skylights.

BD+C/BPD&O (Environmental Product Declarations) *2 possible points*

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified improved environmental life-cycle impacts.

BD+C (Low Emitting Materials)- Substrates *3 possible points*

At least 75% of all adhesives and sealants, by volume or surface area, meet the VOC emissions evaluation AND 100% meet the VOC content evaluation. To meet the 100% requirement for VOC content evaluation, a VOC budget may be used.

The adhesives and sealants product category includes all interior adhesives and sealants wet-applied on site.