PARAMOUNT
Crafting Exquisite Woodwork Since 1984

Technical Data Sheet

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A. Product Design

1. Plank
All Planks are fabricated using Grade A hardwoods. We will not fabricate Solid Linear Open Panels using softwoods as these materials lack structural integrity and are prone to sagging, twisting, and cupping.

a. Species
Paramount Solid Linear Open Panels are manufactured using only true hard wood species. We will not fabricate products specifying Hemlock Fir, Basswood, and will only use Poplar as per request. Red Oak is our most cost efficient hard wood species and will be used in lieu of the aforementioned species. Other species options are available and include:

Red Oak	Alder	Hickory	Ash
Soft Maple	European Beech	Mahogany	Doug Fir (VG)
Hard Maple	Pecan	Black Walnut	White Oak
Eastern White Pine	American Cherry	Poplar	

2. Backer
Paramount Solid Linear Open Panels are designed with a standard uniform backer system. Backers begin at 5-1/2", and proceed every 12" on center. All available back er options conform to this spacing convention.

a. Standard (1/2" x 1-1/2 x 12")
Wood backers are fabricated using ACX structural grade plywood, and come standard in black. Other colors are available upon request.

b. Flexible (1/4" x 1-1/2 x 12")
1/4" thick black PVC strips are integrated for use as a flexible backer system. Other colors are available upon request.

B. Product 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.

B. Product Standards/Options (Cont.)

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.

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 Solid Linear Open Panels. 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 Solid Linear Open Panels. Class B is 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 Solid Linear Open Panels can come equipped with 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 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 Solid Linear Open Panels are fabricated in a standard 12" wide panel. Lengths can be customized and ordered by the ft. (6'-12')

CB-R95 = (3) 3-1/4" planks with 3/4 felt reveal (4" modular width)
CB-S95 = (3) 3-1/2" planks with 1/2" felt reveal (4" modular width)
CB-T95 = (3) 3-3/4" planks with 1/4" felt reveal (4" modular width)

CB-U95 = (2) 5-1/4" planks with 3/4" felt reveal (6" modular width)
CB-V95 = (2) 5-1/2" planks with 1/2" felt reveal (6" modular width)
CB-W95 = (2) 5-3/4" planks 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 Solid Linear Open Panels.

2. Suspension

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

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.

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.