

# SUBMITTAL SHEET

## SOLID WOOD FLEXIBLE BACKER GRILLE

Project Name \_\_\_\_\_

Specification Section \_\_\_\_\_

**SUBSTRATE** Solid Wood with Thermoplastic Backers

**APPLICATION** **Ceilings, Walls, & Transitions:** Flexible Backer Direct Mount (B2)

**REVEAL OPTIONS**

**Backing Material**

- No Backing (Open)
- Screen Backing
- Felt Backing
- Woven Fabric Backing
- Custom \_\_\_\_\_

**Backing Material Color**

- Black (Standard)
- Custom \_\_\_\_\_

**BLADE  
CONFIGURATION  
& SIZE OPTIONS**

**Blade Width**

- 5/8"  3/4"  1"  1-1/4"  1-1/2"  1-3/4"  Custom \_\_\_\_\_

**Blade Depth**

- 1-3/8"  2-1/4"  3-1/4"  Custom \_\_\_\_\_

**# of Blades\***

- 2  3  4  5  6  7  8  Custom \_\_\_\_\_

**Module Width\*\***

- 12"  24"  Custom \_\_\_\_\_

**Module Length**

- 24" (min)  36"  48"  60"
- 72"  84"  96" (typ.)  120" (max.)  Custom \_\_\_\_\_

**Note:** Blade Spacing varies by blade width and module width, see Grille Module data sheet Blade Spacing table for details.

\* # of Blades per 12" Module Width

\*\* 2 Blade configuration (Blades 6" O.C.) require 24" Module Width (4 Blades 6" O.C.)

**THERMOPLASTIC  
BACKER COLOR**

- Flat Black (Standard)
- Custom \_\_\_\_\_

**SOLID WOODS**

**Hardwoods**

- Poplar (WPL)\*
- Ash (WAS)
- Basswood (WBA)
- Beech (WBE)
- Cherry (WCH)
- Maple (WMP)
- Red Oak (WRO)
- White Oak (WVO)
- Walnut (WWN)

**Softwoods**

- Hemlock Mixed Grain (WHM)\*
- Hemlock Vertical Grain (WHV)
- Douglas Fir Mixed Grain (WDM)
- Douglas Fir Vertical Grain (WVD)
- Western Red Cedar (WRC)

**Texture Sawn**

- Texture Sawn Hemlock (WSH)
- Texture Sawn Red Cedar (WSC)
- Texture Sawn Walnut (WTW)

**Custom**

- Custom: \_\_\_\_\_

\* Standard Solid Wood Material

**FINISHES**

- Clear (O)  Patina (A)  Sepia (J)  Hazel (L)  Oat (D)  Auburn (H)
- Merlot (I)  Coffee (C)  Opaque White (5)  Custom \_\_\_\_\_

**FIRE RETARDANT  
COATING**

- Class A Fire-Retardant Coating

**Contact Us:**

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## PHYSICAL DATA

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**Material:** Solid wood with Thermoplastic Backers

**Weight:** 2.0 - 4.0 lbs./sq. ft. (typical system weight) Varies by Configuration and Material

**Fire Class:** Solid Wood Products:  
ASTM E84 (Class C) and CAN/ULC-S102

Flame Spread: 200 or less

Smoke Developed: 450 or less

Class A Fire-retardant coatings and treatments are available for solid wood components.

**Warranty:** Full warranty information can be found at [certainteed.com/warranty](https://certainteed.com/warranty)

**Seismic Installation:** See installation details for seismic area installation information. Per IBC the maximum system weight for ceilings installed with Acoustical Suspension Systems in Seismic Design Categories C, D, E, and F is 4.0 lbs./sq. ft. when referencing ICC-ES ESR-3336. System weights greater than 4.0 lbs./sq. ft. may require local Professional Engineering services.

**Visual Considerations:** Surface Finish: clear or tinted topcoat with 20% sheen

**Application Considerations:** Wood panels must be acclimatized for 72 hours prior to installation. Maintain relative humidity between 25% and 55% and temperature between 50°F and 86°F (10°C and 30°C) for the life of the product.

Wood is a natural material with varying grain and color characteristics. Characteristics may vary from panel to panel. For a more uniform appearance, consider reconstituted veneer options.

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